# national**grid**

August 18, 2021

Mr. Justin Starr, PG New York State Department of Environmental Conservation Division of Environmental Remediation Remedial Bureau C 625 Broadway Albany, NY 12233-70134

## <u>Re:</u> National Grid Kingsley Avenue Site Rome, New York 2021 2<sup>nd</sup> Quarter OM&M Report

Dear Mr. Starr:

Enclosed for your review is the 2021 2<sup>nd</sup> Quarter Operation, Maintenance, and Monitoring (OM&M) Report for the National Grid Rome (Kingsley Avenue) Site. OM&M is being conducted in accordance with the Site Management Plan (SMP). National Grid submitted the SMP and Final Engineering Report (FER) on November 30, 2019. The NYSDEC approved the SMP and FER on May 8, 2020.

The completed quarterly OM&M activities included:

- A quarterly site inspection;
- Collection of quarterly static water level measurements of site wells;
- Collection and laboratory analysis of quarterly groundwater samples from OU-1 groundwater wells;
- Collection and laboratory analysis of quarterly groundwater extraction system samples; and
- Monitoring and/or collection of light non-aqueous phase liquid and dense nonaqueous phase liquid at site wells.

The groundwater extraction system is operating continuously and discharging to the sanitary sewer under the existing City of Rome Water Pollution Control Authority discharge permit. A chemical treatment system to minimize iron fouling within the groundwater extraction manhole, submersible pump, and piping also operates continuously.

Mr. Justin Starr, PG August 18, 2021 Page 2 of 2

If you have any questions regarding the report or the scheduled activities, feel free to contact me at (315) 428-5652.

Very truly yours,

(JTA) for SPS

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

Enclosures

Cc: Devin Shay - Groundwater & Environmental Services, Inc.

National Grid

# 2021 2<sup>nd</sup> Quarter Operations, Maintenance, and Monitoring Report



National Grid Rome Former MGP Site 233 Kingsley Avenue Rome, NY 13440

August 2021

Version 1





### 2021 1<sup>st</sup> Quarter OM&M Report

National Grid Rome Former MGP Site 233 Kingsley Avenue Rome, NY 13440

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

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GES Project: 0603200.134400.221

Date: August 18, 2021

Devin T. Shay, PG Program Manager / Principal Hydrogeologist



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- Appendix C Well Sampling Field Data
- Appendix D Data Usability Summary Report and Analytical Data



## Acronyms

AWQS	Ambient Water Quality Standards	OM&M	Operations, Maintenance, and Monitoring
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes	OU	Operable Unit
DNAPL	Dense Non-Aqueous Phase Liquid	Pace	Pace Analytical Services, LLC
DUSR	Data Usability Summary Report	PAH	Polycyclic Aromatic Hydrocarbons
CES	Groundwater & Environmental Services	POTW	Publically Owned Treatment Works
GES	Inc.	QA/QC	Quality Assurance / Quality Control
gpm	Gallons per Minute	ROD	Record of Decision
IRM	Interim Remedial Measures	SMP	Site Management Plan
LNAPL	Light Non-Aqueous Phase Liquid	USEPA	United States Environmental Protection
MGP	Manufactured Gas Plant		Agency
NYSDEC	New York State Department of Environmental Conservation	WPCF	Water Pollution Control Facility



## 1 Introduction

## 1.1 Overview

Groundwater & Environmental Services, Inc. (GES) has prepared this 2021 2<sup>nd</sup> Quarter Operations, Maintenance, and Monitoring Report (OM&M) on behalf of National Grid. This report compiles the OM&M activities completed in the 2<sup>nd</sup> quarter of 2021 at the Former Kingsley Avenue Manufactured Gas Plant (MGP) Site (the Site), located in Rome, New York. The Site has been classified as a Class 2 inactive hazardous waste disposal site by the New York State Department of Environmental Conservation (NYSDEC) and is identified as Site No. 633043.

In accordance with the Record of Decision (March 2002) and following successful completion of the selected remedy, long-term OM&M is required at the Site. The Site Management Plan (SMP) and Final Engineering Report (FER) for Operable Unit (OU) -1 and OU-2 were submitted to NYSDEC on November 30, 2019. The NYSDEC approved the SMP and the FER on May 8, 2020.

The following long-term OM&M activities are conducted in accordance with the SMP to monitor the effectiveness of the remediation previously conducted:

- Quarterly inspection of the Site (March, June, September, December);
- Collection of quarterly static water level measurements at the 34 site wells (16 Operable Unit [OU]-1 shallow and deep groundwater wells, eight dense non-aqueous phase liquid (DNAPL) wells, five OU-2 groundwater wells, and five extraction trench monitoring wells);
- Collection of quarterly groundwater samples from the 16 OU-1 shallow and deep groundwater wells and laboratory analysis of samples;
- Monitoring and/or collection of light non-aqueous phase liquid (LNAPL) and DNAPL monitoring at the 34 site wells, as needed. Offsite disposal of collected DNAPL at least once every 12 months;
- Removal of vegetation and snow, as necessary, to allow for access to the Site; and
- Submittal of quarterly OM&M reports to NYSDEC.

The groundwater extraction system is fully operational and discharges to the nearby sanitary sewer under an existing City of Rome Water Pollution Control Facility (WPCF) discharge permit. Discharge water samples are collected and analyzed quarterly for comparison to the permit limits as part of OM&M.

This OM&M Quarterly Report covers OM&M activities conducted during April, May, and June 2021.

## **1.2 Site Description**

The Site is located within the City of Rome, Oneida County, New York. Refer to **Figure 1** for the Site location map. The Site consists of an approximately 22 acre parcel owned by National Grid.



MGP operations formerly covered the northern half of the Site. The southern portion of the Site consists of a National Grid electric substation, where some MGP impacts were left in place due to the inability to excavate on an active substation. National Grid presently operates and maintains a natural gas valving station located adjacent to the terminus of Kingsley Avenue.

The Site is located south of East Dominick Street, bordering a historic commercial and residential district, approximately 2,000 feet north of the confluence of the Mohawk River with the New York State Barge Canal. It is bounded by the Genesee and Mohawk Valley Railroad to the north, and the Mohawk River forms the western boundary of the Site. Whitesboro Street terminates near the southern boundary of the Site. The City of Rome Department of Public Works facility is located to the east and southeast of the Site. Residential properties are located near the Site entrance on Kingsley Avenue.

The Site is relatively flat, with existing grades ranging from 430 to 442 feet above mean sea level. The primary surface water feature in the area is the Mohawk River, which discharges into the Barge Canal approximately 2,000 feet downstream toward the south. The groundwater flow direction in both the water table aquifer (near surface) and deep aquifer (within the overburden above the clay) is toward the south-southwest. Depth to groundwater generally ranges from 2 to 15 feet below ground surface at the Site.

## 1.3 Site History

The Kingsley Avenue MGP was constructed in 1917. Gas production began at the Site in 1917 and peaked in 1927. Manufactured gas was produced at the Site using the coal gas and water gas processes. Coal carbonization produced coal gas by heating coal in retorts or beehive ovens. The water gas process involved the passage of steam through burning coal. This formed a gaseous mixture that was passed through a super heater into which an oil feed stock was sprayed. In each process, the gas produced was condensed and purified prior to distribution. The production of manufactured gas created many by-products, some of which remain onsite. A dense, oily liquid known as coal tar condensed out of the gas at various stages during its production, purification, and distribution. Although much of the coal tar produced was reused, recovery of the coal tar waste was incomplete. Substantial amounts of coal tar leaked from storage and processing facilities, contaminating surface and subsurface soils, as well as groundwater. Another by-product includes the discarded lime and/or wood chips treated with iron oxides to remove cyanide and sulfur from the gas (known as purifier waste).

By 1930, production of gas at the Kingsley Avenue MGP was limited to emergency capacity, as the supply of gas for the City of Rome came from other facilities. Between 1938 and 1941, the retort house and relief holder were decommissioned. By 1949, gas manufacturing equipment had been removed from the central building. In 1959, the main gas holder was dismantled.

Environmental concerns at the Site caused NYSDEC and the United States Environmental Protection Agency (USEPA) to evaluate the need for investigation and remedial action. Regulators typically define a single site into a number of OUs. An OU, for technical or administrative reasons, can be addressed separately to eliminate or mitigate a release, threat of release, or exposure pathway resulting from the Site contamination. The lead agency, NYSDEC, defined OUs: OU-1 and OU-2. NYSDEC continues to administer the Site under a Consent Order



with National Grid. OU-1 includes the former Kingsley Avenue MGP property, the surface soils of a small contiguous area of undeveloped New York State-owned land along the Mohawk River, and sediments in a backwater area west of the Site. OU-2 includes an approximate 2-acre area between the National Grid property and the eastern shore of the Mohawk River. Additionally, OU-2 includes the area beneath the Mohawk River and property west of the Mohawk River to East Westboro Street. OU-2 encompasses approximately 20 acres of land. Refer to **Figure 2** for a depiction of OU-1 and OU-2.

This report is focused on OU-1. The following provides a general chronology of key events related to OU-1.

- 1987 USEPA Preliminary Assessment
- 1992 Preliminary Site Assessment/Interim Remedial Measures (IRM) Work Plan
- May 1994 Concentrator House IRM
- July 1994 Start of Remedial Investigation
- January 1995 Purifier Disposal Area IRM
- July 1998 Light non-aqueous phase liquid (LNAPL) Removal IRM initiated
- March 1999 Remedial Investigation Report
- December 2001 Offsite Remedial Investigation Report complete
- January 2002 OU-1 Feasibility Study complete
- March 2002 OU-1 Record of Decision (ROD) issued by NYSDEC
- August 2006 Remedial Design approved
- August 2007 Remedial Action started
- December 2010 Remedial Action completed
- January 2011 long-term groundwater and LNAPL and DNAPL monitoring commenced
- December 2011 long-term groundwater extraction system OM&M commenced
- November 2012 chemical treatment system for the extraction manhole completed

The remedial elements for OU-1 that have been completed include:

- Utility relocation.
- DNAPL and LNAPL source area soil removal and offsite thermal treatment/disposal.
- Purifier waste material removal and offsite disposal.
- River bank soil removal and offsite disposal.
- Demolition and offsite disposal of the MGP tar well and holder foundations.
- Installation of a sheet pile cutoff wall to contain and minimize offsite migration of DNAPL.



- Installation of a groundwater extraction trench with passive recovery pipe along the upgradient side of the wall. The trench includes a series of collection manholes/sumps. Submersible pumps deliver untreated groundwater to a sanitary manhole under an existing City of Rome WPCF.
- Installation of a 14-acre soil cover in the northern portion of the Site.
- The two foot thick vegetative cover (clean soil above geotextile layer).
- Installation of eight DNAPL collection wells within known source areas.
- Installation of five groundwater monitoring wells along the extraction trench.
- Installation of 16 groundwater monitoring wells to monitor shallow and deep aquifers.
- Installation of five groundwater monitoring wells within the OU-2 area.
- An Environmental Easement has been placed on the property and is included with the final Site Management Plan.

**Figure 3** presents the monitoring well locations for the western portion of the Site. **Figure 4** presents monitoring well locations for the eastern portion of the Site.

Following start-up of the groundwater extraction system, it became apparent that iron fouling would be an operational issue. Therefore, National Grid installed a chemical treatment system to help protect the groundwater wells, piping, and submersible pump associated with the groundwater extraction system. As part of the chemical treatment system, a weather-proof structure was installed adjacent to the groundwater pumping manhole and houses a chemical tote and chemical feed pump. An environmental friendly iron inhibitor (REDUX 340) is injected into the pumping manhole to protect the submersible pump, piping, and metering instruments. This chemical is used at similar National Grid sites across central and eastern New York State in order to minimize iron fouling and reduce operation and maintenance costs and has been approved by the City of Rome publicly owned treatment works (POTW). The chemical treatment system became operational in November 2012.



## 2 Operation, Maintenance, and Monitoring Activities

## 2.1 Quarterly Site Inspection

GES conducted the 2021 2<sup>nd</sup> quarter site inspection on June 9, 2021. Inspections are generally conducted in March, June, September, and December of each year. The Site inspection included the Site wells, security perimeter fence/gates, drainage system, vegetation, and the Site access road. In general, the Site was noted to be in compliance during the inspection. Refer to **Appendix A** for the Site Inspection Form.

There are 34 total site wells that were inspected as part of this event. **Figures 3** and **4** show the well locations. **Table 2** details each well in terms of horizontal location, vertical elevation, diameter, material, and screen elevation.

## 2.2 Quarterly Static Water Level Measurements

Quarterly static water level measurements were collected from the 34 wells on June 9 and 10, 2021. **Table 3** presents historical and recent static water level measurements. Refer to **Appendix B** for the field log sheet with water level measurements.

Prior to the construction of the barrier wall and groundwater extraction trench/system remedy, groundwater generally flowed northwesterly toward the Mohawk River. The remedy was designed and constructed to intercept that groundwater flow pattern and minimize migration of site-related DNAPL from the upgradient side of the barrier wall to the river. To ensure that the barrier wall meets the intent of the remedial action, it was agreed by NYSDEC and National Grid that the long-term compliance mechanism would be to compare the top of steel sheeting barrier wall (generally 435 to 437 feet above sea level) with the groundwater levels immediately upgradient of the barrier wall.

Eight manholes (MH-2, MH-3, MH-4, MH-5, MH-6, MH-6A, MH-7, and MH-8) and ten groundwater monitoring wells (DNAPL-2, DNAPL-3, DNAPL-4, DNAPL-5, DNAPL-6, VTW-1, VTW-2, VTW-3, VTW-4, and VTW-5) were constructed immediately upgradient of the barrier wall within the gravel extraction trench. The static water levels in each of the upgradient groundwater monitoring wells were measured and found to be between 425 and 435 (**Table 3**) feet above sea level since start-up of the groundwater extraction system. Groundwater does not overtop the barrier wall. **Figure 5** presents the groundwater levels compared to the barrier wall profile. Gauging data for all 34 wells and containment data for the 10 upgradient groundwater monitoring wells are presented in **Appendix B**.

## 2.3 Quarterly Groundwater Monitoring Event

The 2021 2<sup>nd</sup> quarter groundwater monitoring event was conducted on June 9 and 10, 2021. Sixteen groundwater monitoring wells were sampled (LTMW-D01, LTMW-S01, LTMW-D02, LTMW-S02, LTMW-D03, LTMW-S03, LTMW-D04, LTMW-S04, LTMW-D05, LTMW-S05, LTMW-D06, LTMW-S06, LTMW-S07, LTMW-S08, LTMW-S09, LTMW-S10).



The wells were sampled in accordance with USEPA Low-Flow Groundwater Sampling Procedures [1996]. Purge water was contained and subsequently discharged to the onsite groundwater extraction system which discharges water to the City of Rome WPCF. Field measurements (temperature, pH, oxidation-reduction potential, conductivity, turbidity, dissolved oxygen, and total dissolved solids) were recorded at each well during the sampling using a water quality meter and are presented in **Appendix C**.

In addition to the 16 water samples collected, four quality assurance/quality control (QA/QC) samples were collected, including one Matrix Spike sample, one Matrix Spike Duplicate sample, one field duplicate sample, and one trip blank sample. Twenty total samples were shipped on ice to the Pace Analytical Services, LLC (Pace) of Greensburg, Pennsylvania, for laboratory analysis. Analyses included: polycyclic aromatic hydrocarbons (PAHs) via USEPA Method 8270D; benzene, toluene, ethylbenzene, and total xylenes (BTEX) via USEPA Method 8260C; heavy metals via USEPA Method 200.7; and total cyanide via USEPA Method 335.4.

The analytical results included detections of BTEX, acenaphthene, benzo(a)anthracene, chrysene, cyanide, fluorine, and zinc above the New York State regulatory maximum allowable limits. A summary of laboratory analytical results is provided in **Table 4**. Zinc levels above the guidance value provided in NYSDEC's Technical and Operational Guidance Series section 1.1.1. were only observed at LTMW-S03. Of the 16 wells sampled, two (2) wells (LTMW-D01 and LTMW-D03) had BTEX concentrations above the New York State Groundwater Ambient Water Quality Standards (AWQS) and four (4) wells (LTMW-D01, LTMW-S01, LTMW-D03, and LTMW-S10) had semi-volatile organic compound detections above the AWQS. Cyanide concentrations were detected above the AWQS in LTMW-S04 only. Results indicated no detections of any compound for LTMW-D04, LTMW-D05, LTMW-D06, LTMW-S07, and LTMW-S09.

The analytical data report was validated by GES. The primary objective of the data validation is to identify any questionable or invalid laboratory processes or data. The data validator reviewed the summary form information, the raw sample data, and a limited review of associated raw QC data. In summary, sample results are usable as reported. Qualifications are detailed in Table 1 of **Appendix D**, which presents the Data Usability Summary Report (DUSR) including the validated laboratory data.

# 2.4 Quarterly Light Non-Aqueous Phase Liquid and Dense Non-Aqueous Phase Liquid Monitoring/Collection Event

Each of the 34 wells was monitored for LNAPL and DNAPL in June for this quarter. The gauging data for these events are presented in **Appendix B**. This activity is conducted in conjunction with the collection of static water level measurements. A probe is lowered to the water level in the well and inspected for LNAPL. The probe is then lowered to the bottom of the well and inspected for DNAPL. If LNAPL or DNAPL is discovered in measurable quantities, product is removed from the well using a submersible pump. The removed product/water mixture is subsequently containerized in a properly labeled NYSDOT-approved 55-gallon drum for future offsite disposal. DNAPL in measurable quantities was noted in two site wells: MW-OU2-1 and MW-OU2-4.



As part of the NAPL monitoring/collection event, a total of 6.5 gallons of DNAPL were collected (2.5 gallons from MW-OU2-1, and 4.0 gallons from MW-OU2-4) during this quarter.

Since the start of the NAPL monitoring/collection program, a total of approximately 578 gallons of DNAPL have been removed for offsite disposal. Zero gallons of LNAPL have been detected/recovered.

## 2.5 Quarterly Groundwater Extraction System Discharge Sampling Event

Under an existing City of Rome WPCF discharge permit, quarterly sampling, analysis, and reporting of the groundwater extraction system discharge to the local sewer system is required. A water sample was collected on June 9, 2021, and analyzed by Pace for the permit-specified parameters. No detections above permit limits were noted. **Table 5** provides the analytical results compared to the permit limits.

The analytical data report was validated by GES. The primary objective of the data validation is to identify any questionable or invalid laboratory processes or data. The validator reviewed the summary form information, the raw sample data, and a limited review of associated raw QC data. The review stated that field sample analyte values/reporting limits were usable as reported. The laboratory result for pH is always considered estimated as the EPA recommended short hold time of 15 minutes can only be met by in-field measurements. Qualifications are detailed in Table 1 of **Appendix D**, which presents the Data Usability Summary Report (DUSR) including the validated laboratory data.

# 2.6 Groundwater Extraction System Discharge Flow and Operation, Maintenance, and Monitoring

The groundwater extraction system consists of a gravel trench, a pumping manhole, dual submersible pumps, and below ground piping. The piping enters the onsite groundwater treatment building where flow measurements, discharge sampling, pressure measurements, and other OM&M activities can be conducted. The piping then continues below ground from the nearby sanitary sewer manhole to the City of Rome WPCF.

A mechanical flow meter is located within the Site building and serves as the recording device for the effluent water. During this reporting period, 3,105,148 gallons (average flow ~ 23.7 gpm) were discharged. Since the groundwater extraction system was installed, approximately 175.5 million gallons have been discharged. Below is a summary table for the groundwater extraction system discharge flow:



 Table 1 – Groundwater Extraction System Discharge Flow

Time Period	Discharge Flow (gallons)
2010	11,600,000
2011	14,400,000
2012	19,900,000
2013	19,500,000
2014	16,500,000
2015	16,686,700
2016	13,695,010
2017	13,874,930
2018	13,208,189
2019	15,989,356
2020	13,710,857
2021 1 <sup>st</sup> Quarter	3,337,395
2021 2 <sup>nd</sup> Quarter	3,105,148
TOTAL	175,507,585

The previous consultant conducted an evaluation of the groundwater extraction system, including inspections of the extraction manhole, submersible pumps, valving/controls, and clean-outs. Iron fouling throughout the system, particularly scaling on the submersible pumps, piping, and metering instruments, had been observed. As such, a chemical scale inhibitor (Redux 340) system, which applies the Redux 340 at the groundwater extraction manhole/submersible pumps, was installed and became operational in November 2012. A heating element located at the pumping manhole was installed in June 2012. Electrical power and building lighting/heating was installed in August/September 2012. Information regarding the environmentally-friendly, iron scale inhibitor was previously provided to the City of Rome POTW. The groundwater treatment system (including pumping station, conveyance piping, and flow meters) was cleaned (water lancing) during September 2012 in order to remove iron scale build-up in advance of the chemical treatment system installation.

## 2.7 Vegetation Management and Snow Removal

Vegetation management and snow removal activities were conducted during the 2<sup>nd</sup> quarter 2021 as needed.



## 3 Conclusions, Recommendations, and Certifications

## 3.1 Conclusions

Based on data collected from the 2021 2<sup>nd</sup> quarter OM&M activities, the following conclusions were made:

- Overall, the site is in regulatory compliance. Vegetation maintenance and snow removal was conducted as needed during 2<sup>nd</sup> quarter 2021.
- Quarterly static water level measurements were collected at ten groundwater monitoring wells upgradient of the steel sheeting barrier within the gravel extraction trench. The static water levels of the upgradient wells (ranging between 425 to 429 feet above sea level) did not overtop the barrier wall (top of wall ranges between 435 to 437 feet above sea level).
- Site groundwater contained detectable concentrations of BTEX, acenaphthene, benzo(a)anthracene, chrysene, cyanide, and fluorene above the New York State regulatory maximum allowable limits. Additionally, analytical results for well LTMW-S03 indicated zinc above the NYSDEC AWQS guidance values. Six (6) of the 16 wells (LTMW-D01, LTMW-S01, LTMW-D03, LTMW-S03, LTMW-S04, and LTMW-S10) sampled had at least one detection of a site-related constituent above the New York State limits.
- The total quarterly volume of DNAPL collected (6.5 gallons) was removed from two wells (MW-OU2-1 and MW-OU2-4). Approximately 578 gallons of DNAPL have been removed from the site wells since the inception of the program. LNAPL has not been observed in any site wells to date.
- The groundwater extraction system operated continuously at an average flow rate of approximately 23.7 gpm, and a quarterly total of 3,105,148 gallons were discharged to the local sanitary sewer in accordance with the City of Rome WPCF discharge permit. A quarterly effluent water sample was collected and analyzed. There were no permit limit exceedances. Since December 2011, approximately 175.5 million gallons of water have been discharged without any permit limit exceedances.

## 3.2 Recommendations

It is recommended that all OM&M activities continue.



## 3.3 Certifications

I certify the following:

- The inspection of the Site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional controls and engineering controls employed at this site are unchanged from the date the controls were put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the controls to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any SMP for this control;
- Access to the Site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of the controls;
- Use of the Site is compliant with the Declarations of Covenants and Restrictions;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the Site remedial program; and
- The information presented in this report is accurate and complete.

Signature

Name: Gerald H. Cresap, P.E. Title: Director of Engineering Company: Groundwater & Environmental Services, Inc.



7-2021 Date

2021 2<sup>nd</sup> Quarter OM&M Report National Grid Rome Former MGP Site 233 Kingsley Avenue, Rome, NY 13440















VTW−1 📥

---- PROPERTY BOUNDARY EAST WEST DIVIDE Ø UTILITY POLE ----- UNDERGROUND GAS LINE OVERHEAD ELECTRIC ELECTRICAL CONDUIT LTMW MONITORING WELL VTW MONITORING WELL MW-0U2-1 🌓 OU2 MONITORING WELL



RAFTED BY: W.G.S.	SITE OPERABI	MAP LE UNITS	
HECKED BY: Eviewed by:	NATION KINGSLEY ROME, N	AL GRID Y AVENUE EW YORK	
NORTH	Groundwater & Enviro 300 GATEWAY PARK DRIVE, N	onmental Servi	<b>ces, Inc.</b> NY 13212
		DATE	FIGURE
		10-17-16	2









LEGEND	
T.O.C.	TOP OF CASING
B.O.W.	BOTTOM OF WELL
	TOP OF WALL
	GROUNDWATER ELEVATI

NOTES:

THE DEPTH OF THE BARRIER WALL IS APPROXIMATELY 50 FEET.
 GROUNDWATER ELEVATION MEASUREMENTS TAKEN JUNE 2012.

DRAFTED BY: W.G.S.	BARRIER WA	ALL PROFILE							
CHECKED BY: REVIEWED BY:	NATIONAL GRID KINGSLEY AVENUE ROME, NEW YORK								
NORTH	Groundwater & Enviro 300 GATEWAY PARK DRIVE, N	onmental Servi	<b>ces, Inc.</b> NY 13212						
		DATE 10-17-16	FIGURE 5						

GES

ATION (JUNE 2012)

2021 2<sup>nd</sup> Quarter OM&M Report National Grid Rome Former MGP Site 233 Kingsley Avenue, Rome, NY 13440

# **Tables**



Site Monitoring Wells

Well ID	Northing	Easting	Elevation of Ground	Elevation Top of Outer Casing	Elevation Top of Inner Casing	Nominal Well Diameter (inches)	Well Material	Well Sump Depth (ft)	Depth to Bottom of Well (ft)	Elevation Bottom of Well	Depth to Top Screen (ft)	Elevation Top Screen	Depth to Bottom Screen (ft)	Elevation Bottom Screen	Action
MW-OU2-1	1160064 4870	1121322 8873	433.5	435.72	435.48	4	22	3.0	46.12	380.36	33.0	402.48	43.0	302.48	Quarterly Inspection; Quarterly Static Water Level
MW 0U2 2	1170140 9090	1101055 0262	433.0	435.12	436.06	4		3.0	40.60	296.46	20.0	207.06	40.0	297.06	Quarterly Inspection; Quarterly Static Water Leve
WW-002-2	1170149.0900	1121203.9303	433.9	430.40	430.00	4	33	3.0	49.00	360.40	39.0	397.00	49.0	387.00	Quarterly Inspection; Quarterly Static Water Level
MW-OU2-3	1170101.2208	1121177.4485	430.63	433.25	432.96	4	SS	3.0	35.15	397.81	31.0	401.96	41.0	391.96	Measurement (Surveyed in January 2014)
MW-OU2-4	1170149.6326	1121136.1811	430.63	433.05	432.88	4	SS	3.0	38.85	394.03	31.0	401.88	41.0	391.88	Quarterly Inspection; Quarterly Static Water Level Measurement (Surveyed in January 2014)
MW-OU2-5	1170167.9650	1121091.2658	431.23	433.77	433.46	4	SS	3.0	36.34	397.12	31.0	402.46	41.0	392.46	Quarterly Inspection; Quarterly Static Water Level Measurement (Surveyed in January 2014)
DNAPL-02	1169976.8400	1121338.4483	434.6	436.81	NA	6	SS	3.0	50.40	386.41	4.0	432.81	46.0	389.41	Quarterly Inspection; Quarterly Static Water Level Measurement; DNAPL Monitoring/Collection
DNAPL-03	1170021.7760	1121329.2613	434.6	437.23	NA	6	SS	3.0	52.32	384.91	4.5	432.73	46.5	387.91	Quarterly Inspection; Quarterly Static Water Level Measurement: DNAPL Monitoring/Collection
DNAPI -04	1170138 5720	1121289 3033	436.3	438 50	NA	6	55	3.0	51.45	387.05	35	435.00	47.5	390.05	Quarterly Inspection; Quarterly Static Water Level Measurement: DNAPL Monitoring/Collection
5164 2 01	1110100.0120	1121200.0000	400.0	-100.00	101	Ū.	00	0.0	01.40	001.00	0.0	400.00	11.0	000.00	Quarterly Inspection: Quarterly Static Water Level
DNAPL-05	1170223.6230	1121251.9083	438.4	440.60	NA	6	SS	3.0	54.75	385.85	6.0	434.60	50.0	388.85	Measurement; DNAPL Monitoring/Collection
DNAPL-06	1170309.3920	1121212.9643	438	439.71	NA	6	SS	3.0	51.45	388.26	8.0	431.71	48.0	391.26	Quarterly Inspection; Quarterly Static Water Level Measurement; DNAPL Monitoring/Collection
DNAPL-07	1170186.6060	1121522.7453	439.4	441.46	NA	6	SS	3.0	53.60	387.86	5.0	436.46	55.5	390.86	Quarterly Inspection; Quarterly Static Water Level Measurement; DNAPL Monitoring/Collection
DNAPL-08	1170230.3820	1121390.3173	439.6	441.80	NA	6	SS	3.0	58.01	383.79	7.0	434.80	53.0	386.79	Quarterly Inspection; Quarterly Static Water Level Measurement; DNAPL Monitoring/Collection
															Quarterly Inspection; Quarterly Static Water Level
DNAPL-09	1170267.0450	1121351.1333	440.1	442.63	NA	6	SS	3.0	57.58	385.05	5.0	437.63	53.2	388.05	Quarterly Inspection; Quarterly Static Water Leve
VTM-1	1170393.9230	1121200.2643	437.7	439.74	NA	6	SS	NA	46.37	393.37	4.0	435.74	44.0	395.74	Measurement Quarterly Inspection; Quarterly Static Water Leve
VIM-2	1170482.8870	1121229.5033	436.1	438.33	NA	6	ss	NA	49.47	388.86	5.0	433.33	47.0	391.33	Measurement Quarterly Inspection; Quarterly Static Water Leve
VIM-3	1170541.8140	1121311.1743	437.1	439.44	NA	6	55	NA	50.91	388.53	4.0	435.44	48.0	391.44	Measurement Quarterly Inspection; Quarterly Static Water Leve
VTM F	1170536.5000	1121410.3093	439.3	441.59	NA	6	00	NA	50.62	390.97	9.0	432.39	49.0 E1.0	392.59	Quarterly Inspection; Quarterly Static Water Leve
V TWI-5	1170010.4890	1121403.0073	439.0	441.79	104.00	0	33	NA	JZ.JZ	309.27	5.0	430.79	51.0	390.79	Quarterly Inspection; Quarterly Static Water Leve
LTMW-D01	1169920.9810	1121340.1793	432.7	434.90	434.80	2	PVC	NA	46.84	387.96	34.0	400.80	44.0	390.80	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-SUT	1109930.2970	1121330.3233	433.2	430.52	435.10	2	PVC	NA	10.92	410.10	5.0	430.10	15.0	420.10	Quarterly Inspection; Quarterly Static Water Leve
LTMW-D02	11/00/7.3450	1121296.6853	434.2	436.74	436.60	2	PVC	NA	40.29	396.31	30.0	406.60	40.0	396.60	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-S02	11/0087.0350	1121294.4073	434.3	436.79	436.59	2	PVC	NA	17.98	418.61	5.0	431.59	15.0	421.59	Quarterly Inspection; Quarterly Static Water Leve
LTMW-D03	11/0208.0726	1121183.8138	429.2	431.27	431.13	2	PVC	NA	40.73	390.40	29.0	402.13	39.0	392.13	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-S03	1170200.4014	1121188.2719	429.3	431.43	431.29	2	PVC	NA	13.70	417.59	2.0	429.29	12.0	419.29	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-D04	1170444.7690	1121162.3583	434.9	437.18	436.88	2	PVC	NA	46.36	390.52	34.0	402.88	44.0	392.88	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-S04	1170434.1910	1121164.5883	435.6	437.24	437.09	2	PVC	NA	17.26	419.83	5.0	432.09	15.0	422.09	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-D05	1170572.7400	1121323.4973	435.7	437.78	437.58	2	PVC	NA	46.53	391.05	35.0	402.58	45.0	392.58	Measurement; Quarterly Sampling Quarterly Inspection; Quarterly Static Water Leve
LTMW-S05	1170567.9900	1121317.5703	435.9	437.92	437.77	2	PVC	NA	16.83	420.94	5.0	432.77	15.0	422.77	Measurement; Quarterly Sampling Quarterly Inspection: Quarterly Static Water Leve
LTMW-D06	1170625.7620	1121557.7643	440.2	441.70	441.55	2	PVC	NA	52.22	389.33	40.0	401.55	50.0	391.55	Measurement; Quarterly Sampling Quarterly Inspection: Quarterly Static Water Leve
LTMW-S06	1170637.4230	1121564.0263	439.7	441.64	441.52	2	PVC	NA	17.60	423.92	5.0	436.52	15.0	426.52	Measurement; Quarterly Sampling Quarterly Inspection: Quarterly Static Water Leve
LTMW-S07	1170113.1090	1121525.3273	438	439.94	439.70	2	PVC	NA	17.82	421.88	5.0	434.70	15.0	424.70	Measurement; Quarterly Sampling
LTMW-S08	1170434.0830	1121518.2593	442.4	443.81	443.63	2	PVC	NA	17.39	426.24	5.0	438.63	15.0	428.63	Measurement; Quarterly Static Water Leve
LTMW-S09	1170469.4300	1121969.1733	437.6	439.79	439.54	2	PVC	NA	16.92	422.62	5.0	434.54	15.0	424.54	Quarterly inspection; Quarterly Static Water Leve Measurement; Quarterly Sampling
1 TMW-S10	1170123 6800	1121817 1213	437.4	439.67	439.42	2	PVC.	NA	17.18	422.24	5.0	434 42	15.0	424 42	Quarterry inspection; Quarterry Static Water Leve Measurement: Quarterly Sampling

Notes: 1) Shallow monitoring wells were sampled with a low flow peristatic pump with battery p: 2) Deep monitoring wells were sampled with a low flow submersible pump with genera 3) Static water level measurements were taken from top of inner casing. If the well has no inner casing, the measurement will be taken from the top of outer ca



#### Historical Groundwater Data Operable Unit 2 Wells

Well	MW-	OU2-1	Well	MW-	OU2-2	Well	MW	-OU2-3	Well	MW	-0U2-4	Well	MW	-OU2-5
	TOC =	435.72		TOC =	436.40		TOC =	432.96		TOC =	432.88		TOC =	433.46
Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.
06/09/21	10.34	425.38	06/09/21	9.45	426.95	06/09/21	7.03	425.93	06/09/21	6.98	425.90	06/09/21	7.89	425.57
03/18/21	9.29	426.43	03/18/21	10.16	426.24	03/18/21	6.87	426.09	03/18/21	6.81	426.07	03/18/21	7.53	425.93
12/03/20	9.40	426.32	12/03/20	10.29	426.11	12/03/20	6.91	426.05	12/03/20	6.88	426.00	12/03/20	7.59	425.87
09/11/20	9.66	426.06	09/11/20	10.62	425.78	09/11/20	7.25	425.71	09/11/20	7.20	425.68	09/11/20	7.91	425.55
06/11/20	10.06	425.66	06/11/20	10.82	425.58	06/11/20	7.10	425.86	06/11/20	7.10	425.78	06/11/20	7.75	425.71
03/20/20	8.10	427.62	03/20/20	9.25	427.15	03/20/20	6.40	426.56	03/20/20	5.40	427.48	03/20/20	6.05	427.41
12/05/19	9.20	426.52	12/05/19	10.10	426.30	12/05/19	6.70	426.26	12/05/19	6.68	426.20	12/05/19	7.37	426.09
09/19/19	9.54	426.18	09/19/19	10.90	425.50	09/19/19	6.95	426.01	09/19/19	6.90	425.98	09/19/19	7.60	425.86
06/06/19	8.90	426.82	06/06/19	9.60	426.80	06/06/19	6.18	426.78	06/06/19	6.05	426.83	06/06/19	6.23	427.23
03/21/19	8.65	427.07	03/21/19	9.80	426.60	03/21/19	6.00	426.96	03/21/19	5.90	426.98	03/21/19	6.50	426.96
12/05/18	8.90	426.82	12/05/18	9.05	427.35	12/05/18	5.69	427.27	12/05/18	5.60	427.28	12/05/18	6.25	427.21
09/13/18	9.58	426.14	09/13/18	10.40	426.00	09/13/18	7.02	425.94	09/13/18	7.06	425.82	09/13/18	7.72	425.74
06/07/18	9.53	426.19	06/07/18	10.25	426.15	06/07/18	7.90	425.06	06/07/18	6.90	425.98	06/07/18	7.56	425.90
03/22/18	9.15	426.57	03/22/18	9.85	426.55	03/22/18	6.60	426.36	03/22/18	6.55	426.33	03/22/18	7.20	426.26
12/06/17	9.37	426.35	12/06/17	9.96	426.44	12/06/17	6.60	426.36	12/06/17	6.50	426.38	12/06/17	7.20	426.26
09/01/17	9.53	426.19	09/01/17	10.35	426.05	09/01/17	NM	-	09/01/17	6.98	425.90	09/01/17	7.73	425.73
06/23/17	9.35	426.37	06/23/17	10.02	426.38	06/23/17	7.10	425.86	06/23/17	6.70	426.18	06/23/17	7.15	426.31
03/08/17	8.68	427.04	03/08/17	5.94	430.46	03/08/17	5.93	427.03	03/08/17	5.94	426.94	03/08/17	6.62	426.84
12/15/16	8.91	426.81	12/15/16	9.80	426.60	12/15/16	6.42	426.54	12/15/16	6.35	426.53	12/15/16	7.02	426.44
09/19/16	9.58	426.14	09/19/16	10.52	425.88	09/19/16	7.29	425.67	09/19/16	7.15	425.73	09/19/16	7.84	425.62
06/07/16	9.45	426.27	06/07/16	10.28	426.12	06/07/16	6.95	426.01	06/07/16	6.87	426.01	06/07/16	7.57	425.89
03/07/16	8.45	427.27	03/07/16	9.28	427.12	03/07/16	5.91	427.05	03/07/16	5.82	427.06	03/07/16	6.49	426.97
12/02/15	9.30	426.42	12/02/15	10.19	426.21	12/02/15	6.85	426.11	12/02/15	6.77	426.11	12/02/15	7.44	426.02
09/16/15	9.66	426.06	09/16/15	10.47	425.93	09/16/15	7.15	425.81	09/16/15	7.05	425.83	09/16/15	7.74	425.72
06/03/15	9.34	426.38	06/03/15	9.73	426.67	06/03/15	6.41	426.55	06/03/15	6.34	426.54	06/03/15	6.95	426.51
04/08/15	8.63	427.09	04/08/15	9.29	427.11	04/08/15	6.14	426.82	04/08/15	5.96	426.92	04/08/15	6.98	426.48
12/01/14	9.32	426.40	12/01/14	9.84	426.56	12/01/14	6.49	426.47	12/01/14	6.41	426.47	12/01/14	7.08	426.38
09/10/14	9.49	426.23	09/10/14	9.89	426.51	09/10/14	7.02	425.94	09/10/14	6.95	425.93	09/10/14	7.63	425.83
06/12/14	9.58	426.14	06/12/14	10.33	426.07	06/12/14	6.99	425.97	06/12/14	6.94	425.94	06/12/14	7.63	425.83
03/25/14	9.12	426.60	03/25/14	10.22	426.18	03/25/14	6.75	426.21	03/25/14	6.85	426.03	03/25/14	7.24	426.22
12/12/13	8.47	427.25	12/12/13	9.35	427.05	12/12/13	5.92	427.04	12/12/13	5.84	427.04	12/12/13	6.51	426.95
09/23/13	9.52	426.20	09/23/13	10.32	426.08	09/23/13	7.08	425.88	09/23/13	6.98	425.90	09/23/13	7.63	425.83
06/10/13	8.46	427.26	06/10/13	9.32	427.08	06/10/13	5.78	427.18	06/10/13	5.68	427.20	06/10/13	5.35	428.11
03/27/13	9.30	426.42	03/27/13	10.11	426.29	03/27/13	6.78	426.18	03/27/13	6.95	425.93	03/27/13	7.42	426.04
12/03/12	9.49	426.23	12/03/12	10.33	426.07	12/03/12	7.02	425.94	12/03/12	6.93	425.95	12/03/12	7.70	425.76
09/12/12	9.75	425.97	09/12/12	10.63	425.77	09/12/12	7.32	425.64	09/12/12	7.25	425.63	09/12/12	8.02	425.44
06/18/12	9.51	426.21	06/18/12	10.36	426.04	06/18/12	7.05	425.91	06/18/12	6.95	425.93	06/18/12	7.69	425.77
03/19/12	8.88	426.84	03/19/12	9.79	426.61	03/19/12	6.46	426.50	03/19/12	6.32	426.56	03/19/12	7.13	426.33
12/05/11	9.10	426.62	12/05/11	9.84	426.56	12/05/11	6.72	426.24	12/05/11	/11 6.73 426.15		12/05/11	7.50	425.96
09/26/11	9.31	426.41	09/26/11	10.11	426.29	09/26/11	6.64	426.32	09/26/11	6.68 426.20		09/26/11	7.35	426.11
06/13/11	9.29	426.43	06/13/11	10.07	426.33	06/13/11	6.71	426.25	06/13/11	7.87	425.01	06/13/11	7.33	426.13
03/29/11	8.64	427.08	03/29/11	9.43	426.97	03/29/11	6.04	426.92	03/29/11	5.93	426.95	03/29/11	6.68	426.78

Notes:

TOC

= Top of Inner Well Casing Elevation in Feet = Depth to Water from Top of Casing in Feet DTW

EI. = Elevation in Feet



#### Historical Groundwater Data DNAPL Wells

Well	DN	APL-02	Well	DN	APL-03	Well	DN	APL-04	Well	DN	APL-05
	TOC =	436.81		TOC =	437.23		TOC =	438.50		TOC =	440.60
Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.
06/09/21	9.43	427.38	06/09/21	9.72	427.51	06/09/21	10.98	427.52	06/09/21	13.12	427.48
03/18/21	9.32	427.49	03/18/21	9.54	427.69	03/18/21	10.77	427.73	03/18/21	13.96	426.64
12/03/20	9.40	427.41	12/03/20	9.76	427.47	12/03/20	10.90	427.60	12/03/20	13.05	427.55
09/11/20	7.95	428.86	09/11/20	9.35	427.88	09/11/20	11.65 426.85		09/11/20	13.13	427.47
06/11/20	10.06	426.75	06/11/20	10.29	426.94	06/11/20	11.67	426.83	06/11/20	13.76	426.84
03/20/20	8.10	428.71	03/20/20	8.55	428.68	03/20/20	9.70	428.80	03/20/20	11.32	429.28
12/05/19	9.20	427.61	12/05/19	9.60	427.63	12/05/19	10.85	427.65	12/05/19	12.92	427.68
09/19/19	9.54	427.27	09/19/19	8.85	428.38	09/19/19	11.14	427.36	09/19/19	13.20	427.40
06/06/19	9.10	427.71	06/06/19	9.25	427.98	06/06/19	10.60	427.90	06/06/19	12.70	427.90
03/21/19	8.20	428.61	03/21/19	8.45	428.78	03/21/19	9.70	428.80	03/21/19	11.80	428.80
12/05/18	8.10	428.71	12/05/18	8.70	428.53	12/05/18	9.65	428.85	12/05/18	11.75	428.85
09/13/18	9.60	427.21	09/13/18	9.70	427.53	09/13/18	11.00	427.50	09/13/18	13.08	427.52
06/07/18	9.70	427.11	06/07/18	10.00	427.23	06/07/18	11.26	427.24	06/07/18	13.34	427.26
03/22/18	9.35	427.46	03/22/18	9.60	427.63	03/22/18	10.90	427.60	03/22/18	12.99	427.61
12/06/17	9.00	427.81	12/06/17	9.31	427.92	12/06/17	10.59	427.91	12/06/17	12.65	427.95
09/01/17	9.75	427.06	09/01/17	10.00	427.23	09/01/17	11.36	427.14	09/01/17	13.44	427.16
06/23/17	9.30	427.51	06/23/17	9.56	427.67	06/23/17	10.90	427.60	06/23/17	13.00	427.60
03/08/17	8.92	427.89	03/08/17	9.19	428.04	03/08/17	10.51	427.99	03/08/17	12.57	428.03
12/15/16	8.33	428.48	12/15/16	8.60	428.63	12/15/16	9.89	428.61	12/15/16	11.98	428.62
09/19/16	9.56	427.25	09/19/16	9.88	427.35	09/19/16	11.20	427.30	09/19/16	13.27	427.33
06/07/16	9.41	427.40	06/07/16	9.73	427.50	06/07/16	11.05	427.45	06/07/16	13.12	427.48
03/07/16	8.45	428.36	03/07/16	8.73	428.50	03/07/16	10.05	428.45	03/07/16	12.10	428.50
12/02/15	9.41	427.40	12/02/15	9.71	427.52	12/02/15	11.01	427.49	12/02/15	13.09	427.51
09/16/15	9.91	426.90	09/16/15	10.21	427.02	09/16/15	11.51	426.99	09/16/15	13.58	427.02
06/03/15	8.33	428.48	06/03/15	8.84	428.39	06/03/15	10.15	428.35	06/03/15	12.24	428.36
04/08/15	8.39	428.42	04/08/15	8.68	428.55	04/08/15	9.96	428.54	04/08/15	12.07	428.53
12/01/14	9.16	427.65	12/01/14	9.45	427.78	12/01/14	10.75	427.75	12/01/14	12.81	427.79
09/10/14	9.25	427.56	09/10/14	9.55	427.68	09/10/14	10.62	427.88	09/10/14	12.70	427.90
06/12/14	9.90	426.91	06/12/14	10.20	427.03	06/12/14	11.41	427.09	06/12/14	13.56	427.04
03/25/14	9.52	427.29	03/25/14	9.81	427.42	03/25/14	11.15	427.35	03/25/14	13.21	427.39
12/12/13	8.71	428.10	12/12/13	9.03	428.20	12/12/13	10.35	428.15	12/12/13	12.41	428.19
09/23/13	9.92	426.89	09/23/13	10.25	426.98	09/23/13	11.56	426.94	09/23/13	13.61	426.99
06/10/13	8.27	428.54	06/10/13	8.62	428.61	06/10/13	9.91	428.59	06/10/13	11.98	428.62
03/27/13	9.51	427.30	03/27/13	9.81	427.42	03/27/13	11.15	427.35	03/27/13	13.21	427.39
12/03/12	9.19	427.62	12/03/12	10.10	427.13	12/03/12	11.45	427.05	12/03/12	13.48	427.12
09/12/12	10.14	426.67	09/12/12	10.48	426.75	09/12/12	11.81	426.69	09/12/12	13.84	426.76
06/18/12	9.46	427.35	06/18/12	9.80	427.43	06/18/12	11.15	427.35	06/18/12	13.24	427.36
03/19/12	9.02	427.79	03/19/12	9.35	427.88	03/19/12	10.69	427.81	03/19/12	12.74	427.86
12/05/11	9.46	427.35	12/05/11	9.79	427.44	12/05/11	11.13	427.37	12/05/11	13.30	427.30
09/26/11	9.36	427.45	09/26/11	9.70	427.53	09/26/11	11.09	427.41	09/26/11	13.08	427.52
06/13/11	9.18	427.63	06/13/11	9.54	427.69	06/13/11	10.84	427.66	06/13/11	12.89	427.71
03/29/11	8.41	428.40	03/29/11	8.72	428.51	03/29/11	10.05	428.45	03/29/11	12.11	428.49

### Notes:

= Top of Inner Well Casing Elevation in Feet = Depth to Water from Top of Casing in Feet TOC

DTW

EI. = Elevation in Feet



#### Historical Groundwater Data DNAPL Wells

Well	DN	APL-06	Well	DN	APL-07	Well	DN	APL-08	Well	DN/	APL-09
	TOC =	439.71		TOC =	441.46		TOC =	441.80		TOC =	442.63
Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.	Date	DTW	Water El.
06/09/21	12.24	427.47	06/09/21	12.78	428.68	06/09/21	13.29	428.51	06/09/21	14.19	428.44
03/18/21	12.06	427.65	03/18/21	12.56	428.90	03/18/21	13.04	428.76	03/18/21	13.95	428.68
12/03/20	12.16	427.55	12/03/20	12.91	428.55	12/03/20	13.28	428.52	12/03/20	14.19	428.44
09/11/20	12.80	426.91	09/11/20	13.57	427.89	09/11/20	14.02 427.78		09/11/20	14.82	427.81
06/11/20	12.73	426.98	06/11/20	13.36	428.10	06/11/20	13.85	427.95	06/11/20	14.73	427.90
03/20/20	10.90	428.81	03/20/20	11.80	429.66	03/20/20	12.10	429.70	03/20/20	13.05	429.58
12/05/19	11.96	427.75	12/05/19	12.81	428.65	12/05/19	13.25	428.55	12/05/19	14.15	428.48
09/19/19	12.27	427.44	09/19/19	13.14	428.32	09/19/19	13.58	428.22	09/19/19	14.50	428.13
06/06/19	6.23	433.48	06/06/19	12.25	429.21	06/06/19	12.75	429.05	06/06/19	13.70	428.93
03/21/19	10.90	428.81	03/21/19	11.50	429.96	03/21/19	12.00	429.80	03/21/19	12.90	429.73
12/05/18	10.70	429.01	12/05/18	11.70	429.76	12/05/18	12.10	429.70	12/05/18	13.00	429.63
09/13/18	12.15	427.56	09/13/18	13.20	428.26	09/13/18	13.65	428.15	09/13/18	14.50	428.13
06/07/18	12.33	427.38	06/07/18	13.18	428.28	06/07/18	13.61	428.19	06/07/18	14.50	428.13
03/22/18	12.00	427.71	03/22/18	12.67	428.79	03/22/18	13.16	428.64	03/22/18	14.06	428.57
12/06/17	11.74	427.97	12/06/17	12.55	428.91	12/06/17	13.00	428.80	12/06/17	13.91	428.72
09/01/17	12.40	427.31	09/01/17	13.40	428.06	09/01/17	13.80	428.00	09/01/17	14.69	427.94
06/23/17	11.97	427.74	06/23/17	12.70	428.76	06/23/17	13.15	428.65	06/23/17	14.07	428.56
03/08/17	11.57	428.14	03/08/17	12.37	429.09	03/08/17	12.75	429.05	03/08/17	13.65	428.98
12/15/16	11.05	428.66	12/15/16	10.80	430.66	12/15/16	12.24	429.56	12/15/16	13.15	429.48
09/19/16	12.31	427.40	09/19/16	13.22	428.24	09/19/16	13.64	428.16	09/19/16	14.55	428.08
06/07/16	12.15	427.56	06/07/16	12.98	428.48	06/07/16	13.44	428.36	06/07/16	14.32	428.31
03/07/16	11.17	428.54	03/07/16	11.91	429.55	03/07/16	12.36	429.44	03/07/16	13.25	429.38
12/02/15	12.21	427.50	12/02/15	13.03	428.43	12/02/15	13.49	428.31	12/02/15	14.39	428.24
09/16/15	12.69	427.02	09/16/15	13.32	428.14	09/16/15	13.78	428.02	09/16/15	14.67	427.96
06/03/15	11.36	428.35	06/03/15	11.88	429.58	06/03/15	12.37	429.43	06/03/15	13.29	429.34
04/08/15	11.19	428.52	04/08/15	11.71	429.75	04/08/15	12.19	429.61	04/08/15	13.12	429.51
12/01/14	11.92	427.79	12/01/14	12.55	428.91	12/01/14	12.98	428.82	12/01/14	13.88	428.75
09/10/14	11.76	427.95	09/10/14	12.91	428.55	09/10/14	13.35	428.45	09/10/14	14.29	428.34
06/12/14	12.61	427.10	06/12/14	13.12	428.34	06/12/14	13.60	428.20	06/12/14	14.57	428.06
03/25/14	12.25	427.46	03/25/14	13.01	428.45	03/25/14	13.44	428.36	03/25/14	14.21	428.42
12/12/13	11.51	428.20	12/12/13	12.19	429.27	12/12/13	12.63	429.17	12/12/13	13.51	429.12
09/23/13	12.71	427.00	09/23/13	13.26	428.20	09/23/13	13.75	428.05	09/23/13	13.91	428.72
06/10/13	11.07	428.64	06/10/13	11.85	429.61	06/10/13	12.28	429.52	06/10/13	13.16	429.47
03/27/13	12.31	427.40	03/27/13	12.80	428.66	03/27/13	13.26	428.54	03/27/13	14.20	428.43
12/03/12	12.61	427.10	12/03/12	13.75	427.71	12/03/12	13.71	428.09	12/03/12	14.65	427.98
09/12/12	12.91	426.80	09/12/12	13.76	427.70	09/12/12	14.21	427.59	09/12/12	15.11	427.52
06/18/12	12.28	427.43	06/18/12	13.11	428.35	06/18/12	13.56	428.24	06/18/12	14.47	428.16
03/19/12	11.84	427.87	03/19/12	12.61	428.85	03/19/12	13.95	427.85	03/19/12	13.05	429.58
12/05/11	12.28	427.43	12/05/11	12.88	428.58	12/05/11	13.36	428.44	12/05/11	14.28	428.35
09/26/11	10.18	429.53	29.53 09/26/11 12.86 428.60 09		09/26/11	13.35	428.45	09/26/11	14.25	428.38	
06/13/11	11.94	427.77	06/13/11	12.84	428.62	06/13/11	13.27	428.53	06/13/11	14.14	428.49
03/29/11	11.12	428.59	03/29/11	12.25	429.21	03/29/11	12.66	429.14	03/29/11	13.75	428.88

### Notes:

= Top of Inner Well Casing Elevation in Feet = Depth to Water from Top of Casing in Feet TOC

DTW

EI. = Elevation in Feet



#### Historical Groundwater Data Trench Wells

Well	V	TM-1	Well	V	TM-2	Well	V	TM-3	Well	V	TM-4	Well	v	TM-5
	TOC =	439.74		TOC =	438.33		TOC =	439.44		TOC =	441.59		TOC =	441.79
Date	DTW	Water El.												
06/09/21	12.10	427.64	06/09/21	10.57	427.76	06/09/21	11.74	427.70	06/09/21	13.54	428.05	06/09/21	13.68	428.11
03/18/21	11.71	428.03	03/18/21	10.11	428.22	03/18/21	11.27	428.17	03/18/21	13.24	428.35	03/18/21	13.39	428.40
12/03/20	12.02	427.72	12/03/20	10.54	427.79	12/03/20	11.70	427.74	12/03/20	13.54	428.05	12/03/20	13.62	428.17
09/11/20	12.73	427.01	09/11/20	11.18	427.15	09/11/20	12.22	427.22	09/11/20	14.07	427.52	09/11/20	14.26	427.53
06/11/20	10.06	429.68	06/11/20	10.85	427.48	06/11/20	11.97	427.47	06/11/20	13.85	427.74	06/11/20	14.00	427.79
03/20/20	8.10	431.64	03/20/20	9.10	429.23	03/20/20	10.20	429.24	03/20/20	12.05	429.54	03/20/20	12.15	429.64
12/05/19	9.20	430.54	12/05/19	10.22	428.11	12/05/19	11.39	428.05	12/05/19	13.44	428.15	12/05/19	13.61	428.18
09/19/19	9.54	430.20	09/19/19	10.69	427.64	09/19/19	11.86	427.58	09/19/19	13.68	427.91	09/19/19	13.88	427.91
06/06/19	11.60	428.14	06/06/19	10.00	428.33	06/06/19	11.20	428.24	06/06/19	13.00	428.59	06/06/19	6.23	435.56
03/21/19	10.60	429.14	03/21/19	9.00	429.33	03/21/19	10.20	429.24	03/21/19	12.50	429.09	03/21/19	12.25	429.54
12/05/18	10.55	429.19	12/05/18	8.95	429.38	12/05/18	10.05	429.39	12/05/18	12.00	429.59	12/05/18	12.15	429.64
09/13/18	12.20	427.54	09/13/18	10.65	427.68	09/13/18	11.80	427.64	09/13/18	13.70	427.89	09/13/18	13.85	427.94
06/07/18	12.14	427.60	03/22/18	10.46	427.87	03/22/18	11.62	427.82	06/07/18	13.61	427.98	03/22/18	13.75	428.04
03/22/18	11.86	427.88	03/22/18	10.41	427.92	03/22/18	11.36	428.08	03/22/18	13.31	428.28	03/22/18	13.45	428.34
12/06/17	11.65	428.09	12/06/17	10.07	428.26	12/06/17	11.22	428.22	12/06/17	13.17	428.42	12/06/17	13.32	428.47
09/01/17	12.10	427.64	09/01/17	10.40	427.93	09/01/17	10.55	428.89	09/01/17	13.60	427.99	09/01/17	13.77	428.02
06/23/17	11.80	427.94	06/23/17	10.10	428.23	06/23/17	11.21	428.23	06/23/17	13.15	428.44	06/23/17	13.29	428.50
03/08/17	11.24	428.50	03/08/17	9.52	428.81	03/08/17	10.65	428.79	03/08/17	12.58	429.01	03/08/17	12.76	429.03
12/15/16	10.99	428.75	12/15/16	9.33	429.00	12/15/16	10.49	428.95	12/15/16	12.49	429.10	12/15/16	12.54	429.25
09/19/16	12.23	427.51	09/19/16	10.56	427.77	09/19/16	11.71	427.73	09/19/16	13.65	427.94	09/19/16	13.82	427.97
06/07/16	11.98	427.76	06/07/16	10.29	428.04	06/07/16	11.43	428.01	06/07/16	13.44	428.15	06/07/16	13.61	428.18
03/07/16	10.98	428.76	03/07/16	9.25	429.08	03/07/16	10.36	429.08	03/07/16	12.32	429.27	03/07/16	12.49	429.30
12/02/15	12.12	427.62	12/02/15	10.53	427.80	12/02/15	11.68	427.76	12/02/15	13.58	428.01	12/02/15	13.74	428.05
09/16/15	12.55	427.19	09/16/15	10.75	427.58	09/16/15	11.85	427.59	09/16/15	13.73	427.86	09/16/15	14.67	427.12
06/03/15	11.21	428.53	06/03/15	9.55	428.78	06/03/15	10.72	428.72	06/03/15	12.68	428.91	06/03/15	12.86	428.93
04/08/15	11.06	428.68	04/08/15	9.49	428.84	04/08/15	11.65	427.79	04/08/15	12.65	428.94	04/08/15	12.81	428.98
12/01/14	11.55	428.19	12/01/14	9.79	428.54	12/01/14	10.92	428.52	12/01/14	12.91	428.68	12/01/14	13.09	428.70
09/10/14	11.62	428.12	09/10/14	9.91	428.42	09/10/14	11.10	428.34	09/10/14	13.14	428.45	09/10/14	13.31	428.48
06/12/14	11.94	427.80	06/12/14	10.28	428.05	06/12/14	11.45	427.99	06/12/14	13.48	428.11	06/12/14	13.63	428.16
03/25/14	11.69	428.05	03/25/14	10.01	428.32	03/25/14	11.17	428.27	03/25/14	13.32	428.27	03/25/14	13.35	428.44
12/12/13	10.91	428.83	12/12/13	9.31	429.02	12/12/13	10.46	428.98	12/12/13	12.51	429.08	12/12/13	12.56	429.23
09/23/13	12.19	427.55	09/23/13	10.63	427.70	09/23/13	11.79	427.65	09/23/13	15.75	425.84	09/23/13	13.91	427.88
06/10/13	10.45	429.29	06/10/13	8.75	429.58	06/10/13	9.98	429.46	06/10/13	12.08	429.51	06/10/13	13.16	428.63
03/27/13	11.83	427.91	03/27/13	10.82	427.51	03/27/13	11.48	427.96	03/27/13	13.51	428.08	03/27/13	13.69	428.10
12/03/12	12.31	427.43	12/03/12	10.82	427.51	12/03/12	11.98	427.46	12/03/12	13.84	427.75	12/03/12	14.06	427.73
06/18/12	12.01	427.73	06/18/12	10.46	427.87	06/18/12	11.66	427.78	06/18/12	13.70	427.89	06/18/12	13.89	427.90
03/19/12	11.49	428.25	03/19/12	9.91	428.42	03/19/12	11.11	428.33	03/19/12	13.16	428.43	03/19/12	13.33	428.46
12/05/11	12.01	427.73	12/05/11	10.48	427.85	12/05/11	11.62	427.82	12/05/11	13.61	427.98	12/05/11	13.81	427.98
09/26/11	11.95	427.79	09/26/11	10.41	427.92	09/26/11	11.61	427.83	09/26/11	13.66	427.93	09/26/11	13.82	427.97
06/13/11	11.74	428.00	06/13/11	10.15	428.18	06/13/11	11.32	428.12	06/13/11	13.39	428.20	06/13/11	13.59	428.20
03/29/11	11.02	428.72	03/29/11	9.48	428.85	03/29/11	10.65	428.79	03/29/11	12.81	428.78	03/29/11	12.97	428.82

Notes:

TOC = Top of Inner Well Casing Elevation in Feet

DTW = Depth to Water from Top of Casing in Feet

EI. = Elevation in Feet



#### Historical Groundwater Data Operable Unit 1 Wells

Well	LTN	/IW-D01	LTN	/W-S01	LTN	/W-D02	LTN	/W-S02	LTN	1W-D03	LTN	/W-S03	LTN	1W-D04	LTN	/W-S04
	TOC =	434.90	TOC =	435.52	TOC =	436.74	TOC =	436.79	TOC =	431.27	TOC =	431.43	TOC =	437.18	TOC =	437.24
Date	DTW	Water El.														
06/09/21	8.58	426.32	8.68	426.84	10.67	426.07	9.59	427.20	7.33	423.94	4.27	427.16	9.94	427.24	9.64	427.60
03/18/21	8.55	426.35	8.58	426.94	10.57	426.17	10.31	426.48	5.03	426.24	4.13	427.30	9.81	427.37	9.54	427.70
12/03/20	8.80	426.10	8.60	426.92	10.60	426.14	10.38	426.41	5.15	426.12	4.15	427.28	9.75	427.43	9.44	427.80
09/11/20	8.85	426.05	8.85	426.67	10.77	425.97	10.45	426.34	6.46	424.81	4.30	427.13	10.25	426.93	9.68	427.56
06/11/20	10.06	424.84	8.88	426.64	11.69	425.05	10.46	426.33	5.23	426.04	4.28	427.15	10.05	427.13	9.70	427.54
03/20/20	8.10	426.80	8.30	427.22	8.90	427.84	8.20	428.59	3.50	427.77	1.80	429.63	8.25	428.93	7.10	430.14
12/05/19	9.20	425.70	8.47	427.05	10.50	426.24	10.17	426.62	4.93	426.34	3.95	427.48	9.65	427.53	9.39	427.85
09/19/19	9.54	425.36	8.70	426.82	10.60	426.14	10.45	426.34	5.20	426.07	4.20	427.23	9.90	427.28	9.55	427.69
06/06/19	7.80	427.10	8.00	427.52	9.70	427.04	9.33	427.46	4.25	427.02	2.90	428.53	6.23	430.95	8.12	429.12
03/21/19	8.00	426.90	8.20	427.32	10.15	426.59	9.77	427.02	4.45	426.82	3.63	427.80	9.35	427.83	8.90	428.34
12/05/18	7.54	427.36	7.54	427.98	9.29	427.45	8.95	427.84	5.75	425.52	2.40	429.03	8.64	428.54	7.78	429.46
09/13/18	8.81	426.09	8.67	426.85	10.60	426.14	10.36	426.43	5.48	425.79	4.18	427.25	10.02	427.16	9.35	427.89
06/07/18	8.55	426.35	8.70	426.82	10.35	426.39	10.32	426.47	4.32	426.95	4.11	427.32	9.78	427.40	9.48	427.76
03/22/18	8.22	426.68	9.41	426.11	10.21	426.53	9.98	426.81	5.65	425.62	3.60	427.83	9.35	427.83	9.05	428.19
12/06/17	8.17	426.73	8.16	427.36	10.07	426.67	9.61	427.18	4.76	426.51	3.30	428.13	9.35	427.83	8.35	428.89
09/01/17	8.75	426.15	8.74	426.78	10.64	426.10	10.31	426.48	5.23	426.04	4.15	427.28	9.99	427.19	9.50	427.74
06/23/17	8.30	426.60	8.53	426.99	10.45	426.29	10.27	426.52	4.91	426.36	4.05	427.38	9.58	427.60	9.45	427.79
03/08/17	8.13	426.77	8.27	427.25	10.11	426.63	9.79	427.00	4.48	426.79	3.53	427.90	9.00	428.18	8.79	428.45
12/15/16	8.11	426.79	8.02	427.50	10.03	426.71	9.73	427.06	4.55	426.72	3.28	428.15	9.32	427.86	8.41	428.83
09/19/16	8.78	426.12	8.73	426.79	10.70	426.04	10.41	426.38	5.26	426.01	4.25	427.18	10.03	427.15	9.61	427.63
06/07/16	8.56	426.34	7.85	427.67	10.16	426.58	10.21	426.58	4.75	426.52	4.07	427.36	9.47	427.71	9.38	427.86
03/07/16	7.75	427.15	7.18	428.34	9.05	427.69	9.15	427.64	3.69	427.58	2.45	428.98	8.55	428.63	7.85	429.39
12/03/15	7.71	427.19	8.29	427.23	9.85	426.89	9.74	427.05	4.38	426.89	3.51	427.92	9.63	427.55	8.65	428.59
09/16/15	8.30	426.60	8.76	426.76	10.29	426.45	10.32	426.47	4.91	426.36	4.15	427.28	9.69	427.49	9.52	427.72
06/03/15	8.07	426.83	8.03	427.49	10.02	426.72	10.13	426.66	4.45	426.82	3.92	427.51	9.35	427.83	9.27	427.97
04/08/15	7.34	427.56	7.99	427.53	9.58	427.16	9.71	427.08	4.01	427.26	3.54	427.89	8.85	428.33	8.75	428.49
12/01/14	7.94	426.96	8.15	427.37	9.75	426.99	9.64	427.15	4.11	427.16	3.13	428.30	9.09	428.09	8.57	428.67
09/10/14	8.14	426.76	8.12	427.40	9.99	426.75	9.64	427.15	4.58	426.69	3.19	428.24	9.30	427.88	8.70	428.54
06/12/14	8.68	426.22	8.24	427.28	10.57	426.17	10.26	426.53	4.71	426.56	4.11	427.32	9.60	427.58	9.42	427.82
03/25/14	8.22	426.68	8.50	427.02	10.11	426.63	10.19	426.60	4.71	426.56	4.09	427.34	9.56	427.62	9.43	427.81
12/12/13	7.61	427.29	7.64	427.88	9.19	427.55	8.75	428.04	3.97	427.30	1.99	429.44	8.57	428.61	7.45	429.79
09/23/13	8.30	426.54	8.75	426.77	10.28	426.46	10.28	426.51	5.11	426.16	4.05	427.38	9.84	427.34	9.52	427.72
03/27/13	8.27	421.13	8.64	426.00	9.09	427.03	0.73	426.00	3.3Z	421.13	2.10	429.25	0.61	429.19	0.99	430.23
12/03/12	8.65	426.05	8.60	426.00	10.20	426.32	9.50	426.89	5.08	426.43	3.80	427.63	9.85	427.37	9.50	427.00
09/12/12	8.84	426.06	8.91	426.61	10.42	425.98	10.35	426.03	5.39	425.88	4 17	427.00	10.20	426.98	9.62	427.62
06/18/12	8.35	426.55	8.61	426.91	10.35	426.39	10.26	426.53	5.10	426.17	4.08	427.35	8.76	428.42	9.48	427.76
03/19/12	8.01	426.89	8.11	427.41	9.92	426.82	9.46	427.33	4.50	426.77	3.04	428.39	9.24	427.94	8.29	428.95
12/05/11	8.16	426.74	8.31	427.21	10.12	426.62	9.61	427.18	4.63	426.64	3.35	428.08	9.39	427.79	8.81	428.43
09/26/11	8.38	426.52	8.45	427.07	10.45	426.29	10.18	426.61	4.71	426.56	3.93	427.50	9.45	427.73	9.44	427.80
06/13/11	7.61	427.29	8.36	427.16	10.27	426.47	9.95	426.84	4.78	426.49	3.75	427.68	9.42	427.76	9.17	428.07
03/28/11	7.83	427.07	7.85	427.67	9.68	427.06	9.43	427.36	4.41	426.86	3.34	428.09	9.07	428.11	8.91	428.33

#### Notes:

TOC = Top of Inner Well Casing Elevation in Feet

DTW = Depth to Water from Top of Casing in Feet

EI. = Elevation in Feet



#### Historical Groundwater Data Operable Unit 1 Wells

Well	LTM	/W-D05	LTN	/W-S05	LTN	IW-D06	LTN	/W-S06	LTM	/W-S07	LTN	/W-S08	LTN	/W-S09	LTN	/W-S10
	TOC =	437.78	TOC =	437.92	TOC =	441.70	TOC =	441.64	TOC =	439.70	TOC =	443.81	TOC =	439.79	TOC =	439.67
Date	DTW	Water El.	DTW	Water El.	DTW	Water El.	DTW	Water El.	DTW	Water El.	DTW	Water El.	DTW	Water El.	DTW	Water El.
06/09/21	9.58	428.20	9.90	428.02	12.44	429.26	13.22	428.42	10.88	428.82	15.59	428.22	9.55	430.24	9.75	429.92
03/18/21	9.07	428.71	9.85	428.07	12.25	429.45	13.00	428.64	11.04	428.66	15.27	428.54	9.37	430.42	9.95	429.72
12/03/20	9.60	428.18	10.79	427.13	12.45	429.25	13.20	428.44	10.97	428.73	15.58	428.23	9.82	429.97	10.30	429.37
09/11/20	10.82	426.96	9.95	427.97	12.90	428.80	13.65	427.99	11.70	428.00	16.60	427.21	10.55	429.24	11.07	428.60
06/11/20	9.67	428.11	9.93	427.99	12.61	429.09	13.51	428.13	11.43	428.27	15.95	427.86	10.12	429.67	10.86	428.81
03/20/20	7.50	430.28	7.80	430.12	11.00	430.70	11.70	429.94	9.75	429.95	14.15	429.66	9.00	430.79	9.60	430.07
12/05/19	9.30	428.48	9.73	428.19	12.29	429.41	13.12	428.52	10.80	428.90	15.45	428.36	9.73	430.06	10.29	429.38
09/19/19	9.44	428.34	9.86	428.06	11.45	430.25	13.40	428.24	11.20	428.50	15.80	428.01	10.03	429.76	10.70	428.97
06/06/19	8.35	429.43	8.65	429.27	11.60	430.10	12.55	429.09	10.15	429.55	14.94	428.87	9.26	430.53	9.74	429.93
03/21/19	8.92	428.86	9.38	428 54	11.80	429.90	12.50	429 14	10.08	429.62	14.08	429 73	9.15	430.64	9.52	430.15
12/05/19	0.02	420.00	7 20	420.62	11.00	420.60	11 55	420.00	0 55	423.02	12.00	420.01	9.70	431.00	0.20	430.10
09/13/18	9.67	429.00	9.68	430.02	12 70	430.00	13 35	430.03	11 55	428 15	15.80	428.01	10.23	429.56	10.75	430.47
06/07/18	0.47	428.31	0.64	428.24	12.70	420.00	13.26	428.38	11.06	428.64	15.00	428.01	10.10	429.60	10.64	420.02
02/22/18	9.05	420.31	0.04	420.20	12.42	423.20	12.02	420.30	10.40	420.04	15.70	420.11	0.50	429.09	10.04	429.03
12/06/17	0.95	420.03	0.00	429.12	12.10	429.00	12.92	420.72	10.40	429.30	15.30	420.01	9.50	430.29	10.10	429.32
00/01/17	9.02	420.70	9.10	420.70	12.00	429.70	12.20	429.39	10.07	429.03	15.10	420.71	9.00	430.21	10.10	429.37
09/01/17	9.51	420.27	9.60	420.32	12.02	429.06	13.50	420.14	12.00	427.10	15.76	420.03	10.36	429.41	10.96	420.71
06/23/17	9.14	428.64	9.60	428.32	12.07	429.63	12.88	428.76	10.73	428.97	15.22	428.59	12.88	426.91	10.18	429.49
03/08/17	8.26	429.52	7.54	430.38	11.52	430.18	11.78	429.86	10.39	429.31	14.69	429.12	9.21	430.58	9.98	429.69
12/15/16	8.80	428.98	9.00	428.92	12.28	429.42	11.70	429.94	9.89	429.81	14.50	429.31	8.60	431.19	9.30	430.37
09/19/16	9.63	428.15	9.65	428.27	12.61	429.09	13.24	428.40	11.44	428.26	15.59	428.22	9.82	429.97	10.68	428.99
06/07/16	8.82	428.96	9.53	428.39	11.98	429.72	13.03	428.61	11.01	428.69	15.36	428.45	9.81	429.98	10.41	429.26
03/07/16	7.85	429.93	8.27	429.65	11.16	430.54	12.13	429.51	9.94	429.76	14.48	429.33	9.05	430.74	9.65	430.02
12/02/15	8.77	429.01	9.21	428.71	12.31	429.39	13.20	428.44	11.55	428.15	15.67	428.14	10.40	429.39	10.95	428.72
09/16/15	8.97	428.81	9.51	428.41	12.58	429.12	13.25	428.39	11.54	428.16	15.65	428.16	9.89	429.90	10.65	429.02
06/03/15	9.25	428.53	9.41	428.51	12.15	429.55	12.93	428.71	10.81	428.89	15.21	428.60	9.15	430.64	9.93	429.74
04/08/15	8.74	429.04	9.36	428.56	11.67	430.03	12.55	429.09	10.06	429.64	14.85	428.96	8.89	430.90	9.54	430.13
12/01/14	8.28	429.50	8.91	429.01	11.77	429.93	12.49	429.15	10.97	428.73	14.78	429.03	9.31	430.48	9.93	429.74
09/10/14	8.85	428.93	8.97	428.95	11.91	429.79	12.68	428.96	10.96	428.74	15.34	428.47	9.35	430.44	10.29	429.38
06/12/14	9.02	428.76	9.52	428.40	12.28	429.42	13.08	428.56	11.14	428.56	15.34	428.47	9.63	430.16	10.46	429.21
03/25/14	9.03	428.75	8.50	429.42	11.95	429.75	12.81	428.83	10.85	428.85	15.03	428.78	9.11	430.68	9.93	429.74
12/12/13	7.96	429.82	7.85	430.07	11.20	430.50	11.87	429.77	10.16	429.54	14.11	429.70	8.95	430.84	9.63	430.04
09/23/13	0.94 7.55	420.04	9.52	426.40	12.30	429.34	11.78	420.43	10.27	420.31	15.40	420.35	9.00	429.93	10.04	429.03
03/27/13	9.13	430.23	9.45	430.44	12.16	430.55	13.10	428.50	10.27	428.43	14.12	428.54	9.45	430.30	10.17	429.30
12/03/12	9.51	428.27	9.48	428.44	13.43	428.27	12 78	428.86	11.59	428.10	15.27	428.09	10.25	429.54	10.01	428.76
09/12/12	9.76	428.02	9.64	428.28	12.81	428.89	13.69	427.95	11.97	427.73	15.95	427.86	10.58	429.21	11.27	428.40
06/18/12	9.26	428.52	9.51	428.41	12.41	429.29	13.23	428.41	11.31	428.39	15.40	428.41	9.81	429.98	10.56	429.11
03/19/12	8.79	428.99	9.04	428.88	12.12	429.58	12.99	428.65	11.05	428.65	15.19	428.62	9.73	430.06	10.43	429.24
12/05/11	9.02	428.76	9.08	428.84	12.22	429.48	13.04	428.60	10.97	428.73	15.19	428.62	9.58	430.21	10.34	429.33
09/26/11	9.32	428.46	9.53	428.39	12.40	429.30	13.20	428.44	11.01	428.69	15.21	428.60	9.55	430.24	10.31	429.36
06/13/11	8.91	428.87	9.34	428.58	11.99	429.71	12.88	428.76	10.79	428.91	15.03	428.78	9.49	430.30	10.29	429.38
03/28/11	8.08	429.70	9.12	428.80	11.62	430.08	12.41	429.23	10.08	429.62	14.46	429.35	10.14	429.65	9.75	429.92

#### Notes:

TOC = Top of Inner Well Casing Elevation in Feet

DTW = Depth to Water from Top of Casing in Feet

EI. = Elevation in Feet



Groundwater Analytical Data LTMW-D01

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/21/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	5,310	8,990	5,800	5,290	2,470	4,250	5,460	3,440	3,900	1,410	7,360	6,290	2,370	3,400	4,310	2,060	1,600	3,400	4,780	2,720
Toluene	1,000	5	1	1,090	2,080	1,320	1,470	809	1,230	1,140	992	1,080	1,740	2,200	1,410	630	876	183	392	202	247	727	172
Ethylbenzene	700	5	1	167	241	145	137	179	177	95.0	119	163	203	202	170	142	222	1,120	96.3	101	179	195	106
Xylene (total)	10,000	5	2	176	254	206	201	157	187	135	155	164	214.5	339	229	134.8	180.8	277	134	109	152	209	135
Acenaphthene	N/A	20	4.9	0.59	0.43	0.19	0.10	0.19	0.35	0.18	0.19	0.14	0.40	0.48	0.23	0.21	0.33	0.47	0.16	0.22	0.36	0.44	0.30
Acenaphthylene	N/A	NA	4.9	5.0	6.2	0.31	0.11	0.36	7.1	3.1	1.1	1.9	7.1	8.6	2.3	0.51	2.8	5.9	0.17	1.5	4.4	3.9	1.4
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	14	11	ND	ND	ND	10	ND	ND	15	ND	ND	ND	ND	14	ND	ND	12	5.65	ND
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	0.51	0.35	0.15	ND	ND	0.41	0.17	0.14	0.10	0.30	0.55	0.16	ND	0.20	0.47	0.11	0.12	0.24	0.28	0.17
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	97.1	229	ND	ND	ND	7.2	94.6	0.44	0.83	170	381	8.3	ND	4.3	121	ND	0.17	20.6	14.9	ND
Phenanthrene	N/A	50	4.9	ND	ND	ND	ND	ND	107	ND													
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND	ND	ND	ND	ND	6.9	ND	6.8	9.1	ND	ND	ND	9.1	6.2	6.6	9.7	8.1	8.6	6.6	10.6
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J

 Aniorent water Quality Statuatus
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded



Groundwater Analytical Data LTMW-S01

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/21/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	ND	1.9	ND	1.9	ND	ND	1.2	ND	ND											
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND	1.2	ND																	
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	125	91.2	69.4	56.4	105	75.1	56.5	68.1	101	64.4	53.1	70.6	69.0	74.5	63.7	46.9	88.3	108.0	95.3	102
Acenaphthylene	N/A	NA	4.9	4.1	3	3.2	2.5	3.6	2.7	2.2	3.3	4.4	2.6	2	2.7	3.2	3.3	2.3	1.7	3.3	4.3	3.5	4.0
Anthracene	N/A	NA	4.9	0.44	0.38	0.52	0.28	0.40	0.34	0.27	0.37	0.47	0.35	0.25	0.47	0.41	0.44	0.24	0.17	0.4	0.4	0.34	0.35
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	13	55	18	12	15	11	17	19	14	14	16	18	18	25	25	26	19	11.6	14
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	4.9	4	3.6	2.8	4.8	3.5	2.4	3.7	6.1	3.6	2.6	3.8	5.4	5.0	2.8	2.7	5.4	5.7	3.9	5.0
Fluorene	N/A	0.002	4.9	34.1	27.6	19.9	12.6	28.5	19.2	15.4	18.1	28.3	15.6	13.6	18	22.9	19.6	14.3	12.7	26.1	29.7	26.6	28.6
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	0.2	0.38	0.4	0.15	0.24	0.31	ND	0.23	ND	0.31	0.15	0.26	0.23	0.27	0.25	ND	0.16	0.3	0.29	0.28
Phenanthrene	N/A	50	4.9	0.25	0.74	1.7	ND	0.14	0.20	0.26	0.13	0.20	0.16	0.11	0.41	0.13	0.17	0.13	ND	0.16	0.17	0.17	0.14
Pyrene	N/A	50	4.9	5.0	4.2	3.6	2.7	4.9	3.7	2.5	3.8	6.6	4.4	2.7	3.9	5.7	5.3	3.0	2.9	5.7	6.1	4.3	5.2
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND	11.5	ND	ND	ND	ND														

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards

μg/L ND H J

 Micrograms per Liter
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded



Groundwater Analytical Data LTMW-D02

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	3.3	2.2	1.6	ND	2.0	0.97	1.2	1.0	0.91	0.23	0.36	0.25	0.15	ND						
Acenaphthylene	N/A	NA	4.9	0.8	0.43	0.39	ND	0.48	0.22	0.29	0.31	0.24	ND										
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	150	200	ND	160	160	160	150	140	10	140	140	110	ND	130	11	ND	140	82.7	12
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	0.16	ND																		
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded

Alicrogram trace database of the second database
 Alicrogram specifier
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS



Groundwater Analytical Data LTMW-S02

Parameter	EPA - Maximum Allowable (uq/L)	NYSDEC AWQS (µg/L)	Reporting Level (μg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND	0.13	ND																	
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	130	75	73	110	90	60	59	110	10	57	71	70	73	76	64	94	96	46.4	82
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	0.15	ND																		
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	5.1	ND	7.7	ND	ND	7.6	ND	7.1	7.2	ND	ND	ND	5.1	6.3	ND	9.1	7.2	7.5	ND	ND
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

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= Environmental Protection Agency = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards

μg/L ND H

 Micrograms per Liter
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded



Groundwater Analytical Data LTMW-D03

Parameter	EPA - Maximum Allowable (uq/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	15.9	27.1	10.2	8.5	8.9	9.5	4.7	6.4	5.4	8.4	6.2	9.6	6.2	2.5	3.3	4.6	2.5	5.0	3.0	4.4
Toluene	1,000	5	1	13.9	55	5.9	1.9	1.9	5.4	ND	1.2	2.0	3.9	18.2	5.6	2.0	ND	11.0	2.6	ND	ND	ND	3.1
Ethylbenzene	700	5	1	69.6	23.9	63.7	44	49.0	40.2	26.0	34.1	23.6	22.2	3	20.7	16.5	11.3	ND	11.8	10.4	10.4	8.2	6.0
Xylene (total)	10,000	5	2	30.1	25.7	13.5	5.6	7.5	8.4	4.0	4.4	5.5	6.2	7.1	8.4	1.4	ND	ND	3.4	ND	ND	ND	3.5
Acenaphthene	N/A	20	4.9	411.9	ND	10.7	3.70	10.2	5.9	5.8	8.3	5.7	6.2	8.0	6.0	7.90	4.3	4.3	6.8	5.4	8.8	2.4	6.5
Acenaphthylene	N/A	NA	4.9	34.7	10.6	3.1	2.5	2.2	1.5	1.3	2.0	1.6	2.8	2.2	2.1	1.4	0.89	0.54	1.8	1.9	1.5	0.29	0.33
Anthracene	N/A	NA	4.9	5.2	ND	5.6	0.3	3.7	2.4	2.2	2.8	2.1	2	2.1	1.6	1.6	0.9	0.45	0.73	2.80	0.68	0.32	0.50
Benzo(a)anthracene	N/A	0.002	4.9	0.43	ND	0.42	ND	0.40	0.26	0.30	0.34	0.29	0.28	0.4	0.38	0.41	0.26	0.23	0.31	3.6	0.45	0.29	0.30
Benzo(a)pyrene	N/A	ND	4.9	ND	2.4	ND	ND	ND															
Benzo(b)fluoranthene	N/A	0.002	4.9	ND	1.7	ND	ND	ND															
Benzo(g,h,i)perylene	0.2	NA	4.9	ND	0.8	ND	ND	ND															
Benzo(k)fluoranthene	N/A	0.002	4.9	ND	0.68	ND	ND	ND															
Chrysene	N/A	0.002	4.9	0.21	ND	0.25	ND	0.24	0.18	0.17	0.19	0.18	0.16	0.21	0.23	0.25	0.17	0.15	0.18	2.10	0.24	0.19	0.18
Cyanide	N/A	200	10	77	79	84	76	66	78	64	66	62	62	65	72	60	53	67	62	63	58	55.7	50
Dibenzo(a,h)anthracene	N/A	50	4.9	ND	0.2	5.4	ND	ND															
Fluoranthene	N/A	50	4.9	6.2	ND	6.1	2.9	5.9	3.7	4.1	4.7	4.0	3.5	5.1	4.2	5.4	3.2	3.4	4.2	12.3	5.6	3.9	4.2
Fluorene	N/A	0.002	4.9	11.5	ND	7.1	13.2	6.2	3.7	3.6	5.1	3.5	3.8	5.1	3.6	4.9	2.8	2.3	4.1	5.2	5.6	3.0	4.1
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND	9.4	ND	0.68	ND	ND	ND													
Naphthalene	N/A	10	4.9	556	284	32.2	0.15	10.0	16.5	3.9	3.7	6.9	12.7	9.8	10.6	3.5	0.5	0.3	13.2	2.5	8.1	ND	0.11
Phenanthrene	N/A	50	4.9	29.5	1.5	30.3	0.11	24.1	15.2	16.3	18.1	18.1	17.9	19.9	15.2	19.6	8.5	2.9	15.9	22.2	20.1	8.7	15.3
Pyrene	N/A	50	4.9	8.3	1.2	7.6	2.8	7.6	4.8	5.5	6.0	5.3	5.1	6.6	5.3	6.9	4	4.6	5.5	17.4	7.0	3.4	5.3
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND	17	ND	ND	ND															

EPA NYSDEC

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AWQS = Ambient Water Quality Standards

μg/L ND H J

 Micrograms per Liter
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded


Groundwater Analytical Data LTMW-S03

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND	0.13	ND																	
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	10	ND	ND	ND	ND	ND													
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND	ND	0.15	ND																
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	0.16	0.17	ND	0.11	ND															
Phenanthrene	N/A	50	4.9	ND	ND	0.11	ND	0.12	ND														
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND	7.3	ND																	
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	4,300	4,600	5,330	4,250	3,740	3,620	4,070	3,660	3,060	5,620	4,040	3,740	3,710	4,160	3,840	3,550	3,160	3,640	4,180	3,580

EPA NYSDEC

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μg/L ND H J

 Micrograms per Liter
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded



Groundwater Analytical Data LTMW-D04

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/06/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	10	ND	11	ND	ND	ND	ND	ND												
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND	ND	ND	35.3	ND	22.5	ND	ND	ND											
Lead	N/A	25	5	ND	32	ND	ND	ND	ND														
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards

μg/L ND H J

Bolded

A Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS



Groundwater Analytical Data LTMW-S04

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/20/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/06/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/10/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	59	2,000	900	1,200	200	1,300	400	230	220	1,300	860	660	190	120	1,700	440	470	1,700	801	570
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	23	618	358	108	128	472	472	267	179	230	242	184	156	156	44.4	122	113	384	222	217

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J



Groundwater Analytical Data LTMW-D05

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND																			
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded



Groundwater Analytical Data LTMW-S05

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND	ND	5,800	ND																
Toluene	1,000	5	1	ND	ND	1,320	ND																
Ethylbenzene	700	5	1	ND	ND	145	ND																
Xylene (total)	10,000	5	2	ND	ND	206	ND																
Acenaphthene	N/A	20	4.9	ND	ND	0.19	ND																
Acenaphthylene	N/A	NA	4.9	ND	ND	0.31	ND																
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	16	830	510	570	270	380	430	120	89	260	120	230	65	170	150	110	110	76	44.8	94
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND	ND	0.15	ND																
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND	ND	5.4	ND																
Zinc	N/A	2,000	10	23	ND	27.5	ND	18.6	ND														

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded



Groundwater Analytical Data LTMW-D06

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/06/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	92	ND	11	ND															
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND	ND	8.1	ND																
Arsenic	N/A	25	10	0.64	ND	ND	8.1	8.5	8.0	6.0	12.0	10.4	7.3	5.7	ND	9.2	8.8	9.6	7.1	7.5	8.8	8.1	ND
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded



Groundwater Analytical Data LTMW-S06

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/06/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	31	ND	190	79	14	18	64	55	19	110	66	11	54	84	53	82	40	72	77.7	73
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND	9	ND																	
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND																			

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J



Groundwater Analytical Data LTMW-S07

Parameter	EPA - Maximum Allowable (uq/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/21/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND	1.1	ND	ND	ND															
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND																			
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND	0.16	ND																	
Phenanthrene	N/A	50	4.9	ND																			
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND	8.8	ND																	
Lead	N/A	25	5	ND	24	ND																	
Zinc	N/A	2,000	10	ND	96.8	ND																	

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded



Groundwater Analytical Data LTMW-S08

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND	0.19	ND																	
Benzo(a)pyrene	N/A	ND	4.9	ND	0.21	ND																	
Benzo(b)fluoranthene	N/A	0.002	4.9	ND	0.31	ND																	
Benzo(g,h,i)perylene	0.2	NA	4.9	ND	0.15	ND																	
Benzo(k)fluoranthene	N/A	0.002	4.9	ND	0.26	ND																	
Chrysene	N/A	0.002	4.9	ND	0.14	ND																	
Cyanide	N/A	200	10	120	140	240	16	140	16	200	150	80	250	30	10	62	180	380	110	110	180	ND	160
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND	0.51	ND	ND	ND	0.13	0.12	ND	ND											
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND	0.12	ND																	
Naphthalene	N/A	10	4.9	ND	0.12	ND																	
Phenanthrene	N/A	50	4.9	ND	0.26	ND	ND	ND	ND	0.15	ND	ND											
Pyrene	N/A	50	4.9	ND	0.46	ND	ND	ND	0.11	0.14	ND	ND											
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND	12.5	ND																	

EPA NYSDEC = Environmental Protection Agency

= Environmental Protection Agency
= New York State Department of Environmental Conservation
= Ambient Water Quality Standards
= Micrograms per Liter
= Not detected above laboratory reporting limits
= Quantitated using peak height rather than peak area
= Estimated Concentration Value
= values indicate exceedance of the NYSDEC AWQS

AWQS

μg/L ND H J

Bolded



Groundwater Analytical Data

Parameter	EPA - Maximum Allowable (uq/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/19/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	ND																			
Acenaphthylene	N/A	NA	4.9	ND																			
Anthracene	N/A	NA	4.9	ND																			
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND																			
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	ND																			
Fluorene	N/A	0.002	4.9	ND																			
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND																			
Phenanthrene	N/A	50	4.9	ND	0.11	ND	ND	ND	ND	ND	ND												
Pyrene	N/A	50	4.9	ND																			
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	13	23.2	97.6	24.4	ND	15.3	ND	ND	10.7	27.6	ND	14.3	10.1	ND	12.7	ND	ND	10.3	17.5	ND

EPA NYSDEC

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= Environmental Protection Agency = New York State Department of Environmental Conservation

AWQS = Ambient Water Quality Standards

μg/L ND H

 Micrograms per Liter
 Micrograms per Liter
 Not detected above laboratory reporting limits
 Quantitated using peak height rather than peak area
 Estimated Concentration Value
 values indicate exceedance of the NYSDEC AWQS Bolded



Groundwater Analytical Data LTMW-S10

Parameter	EPA - Maximum Allowable (ug/L)	NYSDEC AWQS (µg/L)	Reporting Level (µg/L)	09/21/16	12/07/16	03/08/17	06/07/17	09/21/17	12/06/17	03/21/18	06/07/18	09/13/18	12/05/18	03/21/19	06/06/19	09/19/19	12/05/19	03/18/20	06/11/20	09/10/20	12/03/20	03/18/21	06/09/21
Benzene	5	1	1	ND																			
Toluene	1,000	5	1	ND																			
Ethylbenzene	700	5	1	ND																			
Xylene (total)	10,000	5	2	ND																			
Acenaphthene	N/A	20	4.9	23	17.4	3.1	4.30	11.0	6.8	2.3	9.7	11.8	5.7	10.8	5.1	13.60	7.70	8.80	19.30	18.10	ND	0.12	12.5
Acenaphthylene	N/A	NA	4.9	0.9	0.96	0.2	0.23	0.73	0.54	0.20	0.51	0.61	0.39	0.74	0.42	0.67	0.63	0.38	0.63	0.64	ND	ND	0.28
Anthracene	N/A	NA	4.9	0.17	0.12	0.12	ND	0.11	ND	ND	ND	0.14	ND	0.13	0.11	0.15	0.13	ND	0.11	0.16	ND	ND	ND
Benzo(a)anthracene	N/A	0.002	4.9	ND																			
Benzo(a)pyrene	N/A	ND	4.9	ND																			
Benzo(b)fluoranthene	N/A	0.002	4.9	ND																			
Benzo(g,h,i)perylene	0.2	NA	4.9	ND																			
Benzo(k)fluoranthene	N/A	0.002	4.9	ND																			
Chrysene	N/A	0.002	4.9	ND																			
Cyanide	N/A	200	10	ND	13	ND	ND	ND	ND	ND													
Dibenzo(a,h)anthracene	N/A	50	4.9	ND																			
Fluoranthene	N/A	50	4.9	2.1	1.5	0.5	0.62	2.0	1.4	0.71	1.3	1.8	1.1	1.6	1.3	2.1	1.9	1.1	1.4	1.4	ND	ND	ND
Fluorene	N/A	0.002	4.9	1.5	1.1	0.17	0.35	1.1	0.73	0.25	0.71	1.0	0.7	1.2	0.6	1.3	1.0	0.8	1.6	1.5	ND	ND	0.75
Indeno(1,2,3-cd)pyrene	N/A	50	4.9	ND																			
Naphthalene	N/A	10	4.9	ND	ND	0.2	0.17	ND	ND	0.20	9.1	ND	ND	1.5	0.37	0.13	ND	ND	1.9	ND	ND	ND	0.29
Phenanthrene	N/A	50	4.9	1.4	0.94	ND	0.22	0.73	0.43	0.12	0.32	0.76	0.32	0.62	0.26	0.86	0.53	0.39	0.76	0.58	ND	ND	0.15
Pyrene	N/A	50	4.9	2.6	1.9	0.45	0.71	2.4	1.7	0.90	1.7	2.3	1.5	2	1.6	2.70	2.40	1.4	1.9	1.8	ND	ND	ND
Arsenic	N/A	25	10	ND																			
Lead	N/A	25	5	ND																			
Zinc	N/A	2,000	10	ND	17.9	ND																	

EPA NYSDEC

= Environmental Protection Agency = New York State Department of Environmental Conservation = Ambient Water Quality Standards

AWQS

μg/L ND H J Bolded



## Discharge Analytical Data Groundwater Extraction System Effluent Concentrations

Parameter	City of Rome WPCF Permit Max Daily Limit (mg/L)	09/21/17	12/06/17	03/27/18	06/07/18	09/13/18	12/06/18	03/21/19	06/06/19	09/19/19	12/05/19	03/19/20	06/11/20	09/10/20	12/04/20	03/18/21	06/09/21
Benzene	0.13	0.0360	0.0200	0.0274	0.0315	0.0239	0.0297	0.0618	0.0359	0.0423	0.0527	0.0315	0.034	0.0254	0.0499	0.0881	0.0761
Ethylbenzene	1.59	0.0052	0.0019	0.0024	0.0040	0.0024	0.0024	0.0046	0.0047	0.0050	0.0065	0.0042	0.0052	0.0041	0.0056	0.0070	0.0081
Toluene	1.35	ND (<0.001)	0.0017	0.0025	0.0025	0.0037	0.0026	0.0113	0.0058	0.0082	0.0079	0.0056	0.0036	0.002	0.0048	0.0217	0.0112
Xylene	1.35	ND (<0.0030)	0.0042	0.0011	0.0011	0.0039	ND (<0.0030)	ND (<0.0030)	ND (<0.0030)	ND (<0.0030)	0.0058	0.0053					
Total BTEX	2.87	0.0412	0.0236	0.0323	0.0380	0.0300	0.0347	0.0777	0.0475	0.0566	0.0710	0.0412	0.0428	0.0315	0.0602	0.1230	0.1007
Arsenic	0.1	ND (<0.0050)	0.012	ND (<0.0050)	ND(<0.0050)	ND (<0.0050)	ND (<0.010)										
Cadmium	0.11	ND (<0.0030)	0.0054	ND (<0.0030)	ND(<0.0030)	ND(<0.0030)	ND (<0.002)										
Chromium	2.77	ND (<0.0050)	ND(<0.0050)	ND(<0.0050)	ND (<0.010)												
Copper	1.3	ND (<0.0050)	0.08	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	0.016	ND (<0.0050)	ND(<0.0050)	ND(<0.0050)	ND (<0.010)						
Cyanide	1.2	0.056	0.074	0.069	0.070	0.059	0.086	0.067	0.097	0.083	0.098	0.11	0.079	0.076	0.078	0.0637	0.050
Lead	1.1	ND (<0.0050)	0.0071	ND (<0.0050)	ND(<0.0050)	ND(<0.0050)	ND (<0.005)										
Mercury	0.2	ND (<0.00020)	ND(<0.00020)	ND(<0.00020)	ND (<0.00020)												
Nickel	1.9	ND (<0.010)	ND(<0.10)	ND(<0.10)	ND (<0.010)												
Silver	0.43	ND (<0.0060)	ND(<0.0060)	ND(<0.0060)	ND (<0.005)												
Zinc	2.6	ND (<0.010)	0.13	ND (<0.010)	ND (<0.010)	ND (<0.010)	0.015	ND (<0.010)	ND(<0.010)	ND(<0.010)	ND (<0.50)						
pН	5.5 - 11.5 SU	6.8	6.8	6.8	6.7	6.9	7.1	6.9	6.9	6.9	7	6.9	6.7	6.9	6.8	7.7	6.9

Results in mg/L.

mg/L	= Milligrams per Liter

WPCF = Water Pollution Control Facility

NS

NA SU

= Not Sampled = Not Analyzed = Standard Units

2021 2<sup>nd</sup> Quarter OM&M Report National Grid Rome Former MGP Site 233 Kingsley Avenue, Rome, NY 13440



## Appendix A – Field Inspection Report

## Field Inspection Report Former MGP Site Kingsley Avenue Rome, New York

Date: 6/9/2021 Technician: PL Time: Weather: 8:00 Overcast 70

		Site	Contr	ols	
Fence Condition	GOOD	FA	IR	DAMAGED	COMMENTS
Kingsley Ave Gate	GOOD	FA	IR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATIO	NAL	NON-0	OPERATIONAL	COMMENTS:
Railroad Ave Gate	GOOD	FA	IR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATIO	NAL	NON-0	OPERATIONAL	COMMENTS:

	Vegetati	on (Surface (	Cover Systen	n)
Condition of Grass	GOOD	FAIR	POOR	COMMENTS: needs mowing
Site Trees	NONE	MINOR	SIGNIFICANT	COMMENTS:
Surface Erosion	NONE	MINOR	SIGNIFICANT	COMMENTS:

		Stoned Are	eas	
Condition of Main Access Road	GOOD	FAIR	POOR	COMMENTS:
Condition of Main Staging Area	GOOD	FAIR	POOR	COMMENTS:
Condition of Rear Turn Around Area	GOOD	FAIR	POOR	COMMENTS:

			Draina	ge Sys	stems	
Rip Rap Area	Culvert	UNOBSTRU	CTED	OB	STRUCTED	
	Flow	NONE	LIT	TLE	SIGNIFICANT	COMMENTS:
	Outlet Channel	OPERATIO	NAL	NON-0	OPERATIONAL	COMMENTS:

		Misc	ellane	ous	
Evidence of Trespassing	NO			YES	COMMENTS:
Litter	NONE	MIN	IOR	SIGNIFICANT	COMMENTS:

General Comments:



## Appendix B – Quarterly Gauging and Containment Data

### National Grid Kingsley Ave, Former MGP Site Rome, New York

			- Investment of the second			
Well ID	Sample ?	Well Size	DTW	DTP	DTB	Comments
MW-OU2-1	No	4"	\$10.34		45.81	
MW-OU2-2	No	4"	9,45		47.53	
MW-OU2-3	No	4"	7.03	~	34.18	-1943gb
MW-OU2-4	No	4"	6.98		39.55	
MW-OU2-5	No	4"	7.89	-	36.01	
DNAPL-02	No	6"	9.43		50.40	
DNAPL-03	No	6"	9,72		52.32	
DNAPL-04	No	6"	10.98		51.45	
DNAPL-05	No	6"	13.12		54.75	
DNAPL-06	No	6"	12,24		51.45	
DNAPL-07	No	6"	12.78	~	53.60	
DNAPL-08	No	6"	13.29	_	58.01	Not the
DNAPL-09	No	6"	14.19	-	57.58	
		-		and the second second	14	
V / IVI-1	No	6"	12.10		46.37	
V I IVI-2	No	6"	10.57		49.47	
VTIVI-3	No	6"	11.74		50.91	
VIM-4	No	6"	13,54	~	50.62	
VIM-5	No	6"	13.68		52.52	
LTMW-D01	Yes	2"	8.58		46.84	dan contra a contra a
LTMW-S01	Yes	2"	8.68		16.92	
LTMW-D02	Yes	2"	10-67		40.29	
LTMW-S02	Yes	2"	9.59		17.98	
LTMW-D03	Yes	2"	7.33		40.73	-
LTMW-S03	Yes	2"	4.27		13.70	
LTMW-D04	Yes	2"	9.94		46.36	6
LTMW-S04	Yes	2"	6.9.64		17.26	
LTMW-D05	Yes	2"	9.58	1	46.53	200
LTMW-S05	Yes	2"	9.90		16.83	
LTMW-D06	Yes	2"	12.44		52.22	
LTMW-S06	Yes	2"	13.22		17.60	The second secon
LTMW-S07	Yes	2"	10.88		17.82	
LTMW-S08	Yes	2"	15.59		17.39	
LTMW-S09	Yes	2"	9.55		16.92	Dup
LTMW-S10	Yes	2"	9.75		17.18	MS/MSD

DTW -depth to water DTP -depth to product

**DTB** -depth to bottom

All from top of casing

vrrmt88-vm3\syracuse-01\Dashboard\Planning\878948.xlsm



# Appendix C – Well Sampling Field Data

National Grid

Kingsley Avenue, Rome, New York

Job Number:         6603200-134400-221         Weather:         Use atter:         Veather:         C5         Xx44           Weil Id.         LTMW-D01         Time In:         0.9.3.9         Time Out:         0.05           Weil Information         TOC         Other         Weil Type:         Fluahmount         Stick Up         No           Depth to Bottom:         (feet)         3.5.2.4         Weil Volume 5:         Yes         No         No           Depth to Foctom:         (feet)         3.5.2.4         Weil Naterial:         Yes         Onher:         No           Volume of Water Column:         (feet)         3.5.2.4         Weil Naterial:         Yes         Onher:         Weil Diameter:         1°         2°         Other:         Weil Type:         Fluahmount         Stick Up         No         No           Purging Information         Easine's Stick         Grundfos Pump		3011101.	Inter M.	10		Date: U	100		
Weill d.         LTMW-D01         Time Out         (0.05)           Weil Information         TOC         Other         Weil Type:         Flushmoutt         Stick Up           Depth to Water         (teet)         46.84         Weil Locked:         Yes         Stick Up           Depth to Bottom:         (teet)         46.84         Weil Locked:         Yes         Stick Up           Depth to Bottom:         (teet)         46.84         Weil Diameter:         Yes         Other:           Weil Notimes:         (gab)         (c. 1.2)         Weil Diameter:         Yes         Other:           Weil Volumes:         (gab)         (c. 1.2)         Grundtos Pump         Weil Type:         The Product:         The Product:         The Product:         The Product:         Yes         Other:         Conversion Factors           Purging Method:         Bailer         Peristatic         Grundtos Pump         Grundtos Pump         Grundtos Pump         Grundtos Pump         Grundtos Pump         The Other         The Other         The Other         The Other         The Other         Grundtos Pump         Grund	Job Number:	0603200-13	34400-221			Weather:	65 Jun	J	
Well Information         TOC         Other           Depth to Buffor:         (teet)         45.84         Well Type:         Flushmount         Stick-Up         No           Depth to Droduct:         (teet)         45.84         Well Locked:         Yes         No           Depth to Product:         (teet)         45.84         Well Material:         Yes         Other:         Well Material:         Yes         Other:         Well Material:         Yes         Other:         Well Material:         Yes         Other:         Well Material:         Grundfos Pump         Grundfos Pump<	Well Id.	LTMW-D01	and the first state of the little state of	····		Time In:	0928	Time Out	1005
Well Information         TOC         Other         Well Type:         Flushmount         Stick-Up         No           Depth to Vater:         (feet)         5.5.%         molecular         vest         No         No           Depth to Product:         (feet)         35.2.2.4         Well Material:         Vest         Yes         No         Other:         Well Material:         Vest         Other:         Other: <td></td> <td></td> <td></td> <td></td> <td>1.2198</td> <td></td> <td></td> <td>inter en anter anter</td> <td></td>					1.2198			inter en anter	
Depth to Water:         (reet)         3/5.7         Weil Type:         Plasmodia         Survey and the sectors of the secors of the sectors of the sectors of the sectors of th	Well Inf	ormation	-	TOC	Other		. Elu	shmount	Stick Lin
Objective         Oracle         Other         No           Depth to Brottom:         (tee)         48.84         Measuring Point Marked:         Yes         No           Depth to Droduct:         (tee)         '''         Measuring Point Marked:         Yes         No           Uptime of Water in Well:         (ga)         (f.: 1/2         '''         Other:         '''           Purging Information         (ga)         (f.: 1/2         '''         Other:         '''           Purging Information         Bainer         Peristatic X         Grundtos Pump         ''''         Grundtos Pump           Oraciton of Pumping:         (min)         2.270         Other:         ''''''         Grundtos Pump           Total Volume Removed:         (ga)         /         Did well go dry?         Yes<	Donth to Wat	or:	(foot)	900	Other	Well Lock	ed:	Yes	No No
Oppint to Product:         (teal)	Depth to Bott	om:	(feet)	46.84		Measuring	Point Marked:	Yes	No
Output         Other         Other <t< td=""><td>Depth to Proc</td><td>luct:</td><td>(feet)</td><td></td><td></td><td>Well Mate</td><td>erial: PVC</td><td>Si Si S</td><td>her:</td></t<>	Depth to Proc	luct:	(feet)			Well Mate	erial: PVC	Si S	her:
Volume of Water in Well:         (ga)         (f., [2]         Comments:           Purging Information	Length of Wa	ter Column:	(feet)	38.26		Well Dian	neter: 1'	2" Xot	her:
Three Well Volumes:       (ga)       (\$ - 3 & -	Volume of Wa	ater in Well:	(gal)	6.12		Comment	s:	based theread	
Purging Information         Conversion Factors           Purging Method:         Teton         Stainless St.         Grundfos Pump         Gulft.         1'' ID         2'' ID         4'' ID         6'' I           Sampling Method:         Baller         Peristatile         Grundfos Pump         Gulft.         1'' ID         2''' ID         4'' ID         6''' I           Average Pumping Rate:         (mtmin)         22''         Gulft.         1'' ID         0'' ID         6''' I         1''' ID         0''' ID         4'' ID         6''' I           Ouration of Pumping:         (min)         30''         Did well go dry?         Yes         No         I         1''''''''''''''''''''''''''''''''''''	Three Well Vo	olumes:	(gal)	18.36					
Purging Information         Conversion Factors           Purging Method:         Bailer         Peristatic         Grundfos Pump           PolyBailer Material:         Bailer         Peristatic         Grundfos Pump           Ouration of Pumping:         (min)         30         Grundfos Pump           Duration of Pumping:         (min)         30         Grundfos Pump           Total Volume Removed:         (gail)         /         Did well go dry?         Yes         No           Time         DTW         Temp         PH         ORP         Conductivity         Turbidity         DO         TDS           9/250         9/257         10.36         1%.1/2         %.6/2         -3/32         1									
Purging Information         Conversion Factors           Purging Method:         Bailer         Peristaltic         Grundfos Pump           Sampling Method:         Bailer         Peristaltic         Grundfos Pump           Average Pumping Rate:         (mini)         200           Duration of Pumping:         (mini)         300           Total Volume Removed:         (gai)         /         Did well go dry?         Yes         No           Horba U-52 Water Quality Meter Used?         Yes         No              Time         DTW         Temp         PH         ORP         Conductivity         Turbidity         Do         TDS           3750         9.282         1%.412         2.46         -11/2         .35/2         2.9         .23/3           3750         9.282         1%.412         2.46         -11/2         .35/3         1.7         0.00         .22.9           3750         1%.271         1%.94         8.10         -15/2         .35/3         2.0         0.00         .22.7           3750         1%.75         1%.79         8.12         -16/2         .35/3         2.4         0.00         .22.7           97557 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Purging Method:         Bailer         Peristatic         Grundfos Pump         Grundfos Pump </td <td>Purging In</td> <td>nformation</td> <td>-</td> <td></td> <td></td> <td></td> <td>[</td> <td>Osurian</td> <td></td>	Purging In	nformation	-				[	Osurian	
Participal metricity       Perinstanco_       Perinstanco_       Perinstanco_       Polyethylene or more promp         Sampling Method:       Bailer       Perinstanco_       Polyethylene or more promp       Polyethylene or more promp       Polyethylene or more promp         Sampling Method:       Bailer       Perinstanco_       Polyethylene or more promp       Polyethylene or more promp       Polyethylene or more promp         Duration of Pumping:       (m/min)       200       Polyethylene or more promp       Polyethylene or more promp         Duration of Pumping:       (m/min)       200       Polyethylene or more promp       Polyethylene or more promp         Duration of Pumping:       (min)       200       Polyethylene or more promp       Polyethylene or more promp         Duration of Pumping:       (min)       200       Polyethylene or more promp       Polyethylene or more promp         Duration of Pumping:       (min)       200       Polyethylene or more promp       Polyethylene or more promp       Polyethylene or more promp         Time       DTW       Temp       pH       OR       Conductivity       Turbidity       DO       TDS         (feet)       (C       (fr. 4// 4// 5// 5// 4// 2// 5// 4// 2// 5// 4// 5// 5// 4// 2// 5// 4// 2// 5// 4// 5// 3// 2// 4// 5// 5// 4// 2// 5// 4// 2// 5// 2// 2// 0// 2// 5// 5// 2// 2// 0// 0// 2// 5// 5// 4// 5// 5	Duraina Math	ad:	D-"						
Lubry Dearter Indection:       Balances of the second secon	Tubing Pailer	Da: Material:	Bailer	Peristalti	Grund		gal/ft.		
Company metaloc.       I       Date (milling)       Conductivity       Unplicing and conductivity       Indicativity       Indity       Indicativity	Sampling Met	hod:		Borietelti	Crund		0T water	0.04 0.16	0.66 1.47
Interlige 1 wingeng 1 wi	Average Dum	ning Rate	(ml/min)		Grund		1 gell	on=3.7851 =3785n	nL=1337cu feet
Total Volume Removed: (gal) /       Did well go dry?       Yes No          Triclal Volume Removed: (gal) /       Did well go dry?       Yes No          Time       DTW       Temp       pH       ORP       Conductivity       Turbidity       DO       TDS         Time       DTW       Temp       pH       ORP       Conductivity       Turbidity       DO       TDS         G/450       G/451       12.15       - 7.7       - 3562       3.7       7.02       - 3352         O 7.42       1.42       7.62       -3573       1.7       0       -0       -2247       -	Duration of Pi	impina.	(min)	30			_ · yali	0.1 0.1 002 -01000	
Image: Distribution of the second	Total Volume	Removed:	(nal)		)id well ao drv?	Yes	X		
Horna U-52 Water Quality Meter Used?       Yest No         Time       DTW       Temp       pH       ORP       Conductivity       Turbidity       DO       TDS         9/350       7.2%       17.4%       2.1%       -79       -562       3.9       7.62       -33%         0.735       10.36       18.12       2.66       -11/2       -340       1.7       0.00       .223         0.745       1.2.71       14.94       8.05       -152       .353       1.7       0.00       .227         0.755       1.2.71       14.94       8.10       -157       .350       2.0       0.00       .227         0.755       1.4.25       14.91       8.15       -165       .347       2.5       0.00       .227         0.755       14.25       14.91       8.15       -165       .347       2.5       0.00       .226         0.755       14.74       15.03       8.16       -165       .347       2.5       0.00       .226         0.755       14.74       15.03       8.16       -165       .347       2.5       0.00       .226         EPA SW-846       Method 8260       VOC's BTEX       3.40 ml vials <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Time         DTW         Temp         pH         ORP         Conductivity         Turbidity         DO         TDS           9750         7.28         17.45         2.15         -79         .562         3.7         7.02         .338           9750         10.36         18.12         7.66         -112         .342         1.7         8.06         .223           9760         11.62         14.7         8.05         .152         .353         1.7         0.00         .224           9755         12.71         14.74         8.10         -157         .350         2.0         0.00         .227           9755         14.25         14.91         8.15         .165         .347         2.5         0.00         .227           9755         14.25         14.91         8.16         -165         .347         2.5         0.00         .227           9755         14.74         5.03         8.16         -165         .347         2.5         0.00         .226           9755         14.74         5.03         8.16         -165         .347         2.5         0.00         .226           Sampling Information:         1.250 <td< td=""><td>Horiba U-52 V</td><td>vater Quality</td><td>vieter Used?</td><td>Yes</td><td></td><td>P - 200</td><td></td><td></td><td><math>\cdot \lambda_{i}</math></td></td<>	Horiba U-52 V	vater Quality	vieter Used?	Yes		P - 200			$\cdot \lambda_{i}$
Iffine       DTW       Terrip       pr       OKF       Conductivity       Fundativity       Dist       Fundativity       Dist         9750       9.28       17.45       2.15       -77       .562       3.9       7.02       .335         9750       9.28       17.45       2.15       -77       .562       3.9       7.02       .335         9750       10.36       18.12       7.66       -117       .342       1.7       8.06       .223         9750       12.71       14.94       8.10       -157       .350       2.0       0.00       .229         9755       14.25       14.94       8.10       -157       .350       2.0       0.00       .229         9755       14.25       14.91       8.15       -165       .347       2.5       0.00       .227         1000       14.94       15.03       8.16       -165       .347       2.5       0.00       .227         1000       14.94       15.03       8.16       -165       .347       2.2       0.00       .227         1000       14.94       15.03       8.16       -165       .347       2.2       0.00       .226 </td <td>Time</td> <td>DTW</td> <td>Toma</td> <td></td> <td></td> <td>Conductivity</td> <td>Turbidity</td> <td></td> <td></td>	Time	DTW	Toma			Conductivity	Turbidity		
9750       9728       17.45       2.15       772       3522       3.7       7.02       333         9730       9728       17.45       2.16       -172       342       3.7       7.02       333         9745       10.36       18.12       2.66       -117       -342       1.7       8.06       .223         9745       12.71       14.94       8.10       -157       .350       2.0       0.00       .227         9755       12.71       14.94       8.10       -157       .350       2.0       0.00       .229         9755       14.25       14.91       8.15       -165       .349       2.5       0.00       .227         9755       14.25       14.91       8.15       -165       .349       2.2       0.00       .227         1000       14.94       15.03       8.16       -165       .349       2.2       0.00       .227         1000       14.94       15.03       8.16       -165       .348       2.2       0.00       .226         Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's       2.100ml ambers       Yes       No       No	Time	(foot)	(°C)	рп		(mS/cm)	(NITLI)	(mg/L)	(0/1)
SP35       10.36       18.12       2.66       -112       342       1.7       8.06       .223         SP35       10.36       18.12       2.66       -112       .352       1.7       0.05       .223         SP45       12.71       14.94       8.10       -157       .350       2.0       0.05       .223         SP45       12.71       14.94       8.10       -157       .350       2.0       0.05       .223         Seq 450       13.45       14.94       8.10       -162       .352       2.4       0.00       .229         Seq 55       14.75       14.91       8.15       -165       .347       2.5       0.00       .227         Seq 755       14.74       15.03       8.16       -165       .347       2.5       0.00       .227         J0 50       14.94       15.03       8.16       -165       .347       2.5       0.00       .228         J0 50       14.94       15.03       8.16       -165       .347       2.5       0.00       .226         Seq 84       14.94       15.03       8.16       -165       .347       2.5       0.00       .226         Sep	a930	9.28	1745	215	129	562	39	9.02	-338
0740       1145       805       -152       -353       1.7       0.00       .229         0745       12.71       14.94       8.10       -159       .350       2.0       0.00       .229         0755       12.71       14.94       8.10       -159       .350       2.0       0.00       .229         0755       14.25       14.91       8.12       -162       .352       2.4       0.00       .229         0755       14.25       14.91       8.15       -165       .349       2.5       0.00       .227         1000       14.94       15.03       8.16       -168       .348       2.7       0.00       .226         1000       14.94       15.03       8.16       -168       .348       2.7       0.00       .226         1000       14.94       15.03       8.16       -168       .348       2.7       0.00       .226         EPA SW-846 Method 8270       SVOC PAH's       2.100ml ambers       Yes       No       No       No         EPA Method 335.4       Cyanide       1.250 ml plastic       Yes       No       No       No       No         EPA Method 200.7       Metals       1	2935	10.36	18.12	7.66	-117	. 346	1.7	8.06	-223
0945       12.71       14.94       8.10       -159       -350       2.0       0.00       .228         0950       13.45       14.91       8.10       -162       .352       2.4       0.00       .229         0955       14.25       14.91       8.15       -165       .349       2.5       0.00       .229         1000       14.94       15.03       8.16       -165       .349       2.2       0.00       .224         1000       14.94       15.03       8.16       -165       .349       2.2       0.00       .226         1000       14.94       15.03       8.16       -165       .349       2.2       0.00       .226         Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's       2 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No       No       No         iample ID:       LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup Drop-off Albany Service Center       MS/MSD? <td>0940</td> <td>11.68</td> <td>14.55</td> <td>8+05</td> <td>-152</td> <td>,353</td> <td>1.7</td> <td>0.00</td> <td>.229</td>	0940	11.68	14.55	8+05	-152	,353	1.7	0.00	.229
••• 950         13. 45         14. 27         8. 12         162         -352         2.4         0.00         .227         0.00         .227         10.00         14. 94         15.03         8. 16         167	and the subscription of th	3 01	1494	8,10	-159	.350	20	0,00	.228
0955       14.25       14.21       8.15       -165       .349       2.5       0.00       .222         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       15.03       8.16       -168       .348       2.2       0.00       .224         1000       14.94       10       14.94       10       14.94	0945	1d. +1						and the second s	
10 00       14.94       15.03       8.16       -168       .348       2.2       0.50       .226         Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's       2 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup       Drop-off Albany Service Center         :omments/Notes:       Laboratory:       Pace Analytical	0945	12.71	14,99	8,12	-162	.352	2.4	0.00	.229
Sampling Information:         Sampling Information:         EPA \$W-846 Method 8270       SVOC PAH's         EPA \$W-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         Sample ID:       LTMW-D01-0621         J 0 000       MS/MSD?         Yes       No         Comments/Notes:       Laboratory:	0945 0950 0953	12.71 13.45 14.25	14.99 14.91	8,12 8.15	-162 -165	· 352 • 349	2.4	0.00 0.00	.229 .227
Sampling Information:         EPA \$W-846 Method 8270       SVOC PAH's         EPA \$W-846 Method 8270       SVOC PAH's         EPA \$W-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         Sample ID:       LTMW-D01-0621         J 2 20       MS/MSD?         Yes       No         Yes       No         Yes       No         Comments/Notes:       Laboratory:	0945 0950 0953 1000	12.71 13.45 14.25 14.94	14,99 14,91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.4 2.5 2.7	0.00 0.00 0.00	.229 .227 .226
Sampling Information:         EPA \$W-846 Method 8270       SVOC PAH's         EPA \$W-846 Method 8270       SVOC PAH's         EPA \$W-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         Sample ID:       LTMW-D01-0621         ID DIPLICate?       Yes         No       No         Sample Time:       J 0 000         MS/MSD?       Yes         No       Shipped:         Laboratory:       Pace Analytical	0945 0950 0955 1000	12.71 13,45 14.25 14.94	14,99 14,91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.4 2.5 2.7	0.00 0.00 0.00	.229 .227 .226
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         Yes       No         No       No         Sample ID:       LTMW-D01-0621         Mol MS/MSD?       Yes         No       No         Comments/Notes:       Laboratory:	0945 0950 0955 1000	12.71 13.75 14.25 14.94	14,99 14.91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.4 2.5 2.7	0.00 0.00 0.50	.229 .227 .226
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         BPA Method 335.4       Cyanide         EPA Method 200.7       Metals         Method 200.7       Metals         Sample ID:       LTMW-D01-0621         MS/MSD?       Yes         No       No         Comments/Notes:       Laboratory:	0945 0950 0953 1000	12.71 13.75 14.25 14.94	14.99 14.91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.5 2.7	0.00 0.00 0.50	.229 .227 .226
EPA SW-846 Method 8270       SVOC PAH's       2 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       No       Shipped:       Pace Courier Pickup         Sample Time:       J 0 00       MS/MSD?       Yes       No       No       Shipped:       Pace Courier Pickup       Mo         Comments/Notes:       Laboratory:       Pace Analytical       Laboratory:       Pace Analytical	0945 0950 0955 1000	12.71 13.75 14.25 14.94	14.91 14.91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.5	0.00 0.00 0.50	.229 .227 .226
EPA SW-846 Method 8270       SVOC PAH's       2 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       No       No         sample Time:       j 0 00       MS/MSD?       Yes       No       No       Drop-off Albany Service Center         comments/Notes:       Laboratory:       Pace Analytical       Laboratory:       Pace Analytical	0945 0953 1000 Sampling Info	12.71 13.75 14.25 14.94 	14,99 14.91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.4 2.5 2.7	0.00 0.00 0.50	.229 .227 .226
EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         Sample Time:       J 0 000       MS/MSD?       Yes       No       Shipped:       Pace Courier Pickup         Comments/Notes:       Laboratory:       Pace Analytical	0945 0950 0955 1000 Sampling Info	12.71 <i>j3.45</i> 14.25 <i>j4.94</i> prmation:	14.91 14.91 15.03	8,12 8.15 8.16	-162 -165 -168	· 352 • 349 • 348	2.5	0.00 0.00 0.50	.229 .227 .226
EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         iample Time:       j 0 000       MS/MSD?       Yes       No       Drop-off Albany Service Center         comments/Notes:       Laboratory:       Pace Analytical	0945 0955 1000 Sampling Info EPA SW-84	12.71 13.75 14.25 14.94 ormation: 6 Method 8270	14.91 14.91 15.03	8,12 8.15 8.16 8.16	-162 -165 -168	· 352 • 349 • 348	2.9 2.5 2.7 2.7	0.00 0.00 0.00	.229 .227 .226
EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         Sample ID:       LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         Sample Time:       JOSO       MS/MSD?       Yes       No       Drop-off Albany Service Center         Comments/Notes:       Laboratory:       Pace Analytical	0975 0955 0955 1000 Sampling Info EPA \$W-84 EPA \$W-84	12.71 13.75 14.25 14.25 14.94 ormation: 6 Method 8270 6 Method 8260	1 4, 99 14, 91 15.03 SVOC P VOC'S B	8,12 8.15 8-16 AH's TEX	-162 -165 -168	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial	0.00 0.00 0.00	.229 .227 .226
LTMW-D01-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         iample Time:       10000       MS/MSD?       Yes       No       Drop-off Albany Service Center         comments/Notes:       Laboratory:       Pace Analytical	0945 0955 0955 1000 Sampling Info EPA SW-84 EPA SW-84 EPA Me	12.71 13.75 14.25 14.25 14.25 14.94 ormation: 6 Method 8270 6 Method 8260 thod 335.4	1 4, 99 14, 91 15, 03 SVOC P VOC's B Cyanic	8,12 8.15 8-16 AH's TEX	-162 -165 -168	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas	O.OO O.OD O.OD O.OD	.229 .227 .226
Deample ID:       LIMWY-D01-0621       Duplicate?       Yes       No       Snipped:       Pace Courier Pickup         Sample Time:       10000       MS/MSD?       Yes       No       Drop-off Albany Service Center         Comments/Notes:       Laboratory:       Pace Analytical	0945 0955 0955 1000 Sampling Info EPA \$W-84 EPA SW-84 EPA Me EPA Me	12.71 13.75 14.25 14.25 14.94 07 07 07 07 07 06 Method 8270 06 07 06 07 06 08 07 06 08 00 07 07 07 07 07 07 07 07 07	1 4, 99 14, 91 15, 03 SVOC P VOC's B Cyanic Metal	8,12 8.15 8.15 8.16 AH's TEX Ie s	-162 -165 -168	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	C.CO C.CO C.CO C.CO C.CO S.CO S.CO S.CO	.229 .227 .226
Comments/Notes:	Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me	12.71 13.75 14.25 14.25 14.25 14.94 ormation: 6 Method 8270 6 Method 8270 6 Method 8260 thod 335.4 thod 200.7	1 4, 99 14, 91 15, 03 SVOC P VOC's B Cyanic Metal	8,12 8.15 8.15 8.16 AH's TEX le s	~162 -165 -168	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	O.OO O.OD O.OD O.OD Sers Yes stic Yes stic Yes	
Comments/Notes: Laboratory: Pace Analytical	Sample ID:	12.71         13.75         14.25         14.94         15.4         16.04         16.04         17.04     <	1 4, 91           14, 91           15.03           SVOC P           VOC's B           Cyanic           Metal           0621         Dup	AH's TEX le s	-162 -165 -168	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	O.OO O.OD O.OD O.OD O.OD O.OD O.OD O.OD	
	OP 45 OP 55 OP 55 IO 00 Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me Sample ID: Sample Time:	12.71 13.75 14.25 14.25 14.25 14.94 5 5 6 Method 8270 6 Method 8270 6 Method 8260 5 6 Method 8260 5 6 Method 8260 5 6 Method 8270 1 6 Method 8270 1 1 1 1 1 1 1 1 1 1 1 1 1	1 4, 91           14, 91           15, 03           VOC's B           Cyanic           Metal           0621         Dup	8,12 8,15 8,16 8,16 AH's TEX de s s blicate? /MSD?	-162 -165 -168 -168 Yes No X	· 352 • 349 • 348	2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	C.CO C.CO C.CO C.CO C.CO C.CO S S S S S S S S S S S S S S S S S S S	

Sampling Pe	rsonnel: P	eter Lyon	×		Date: (	10/2)		
Job Number:	0603200-13	34400-221			Weather:	SHARA	60'	
Well Id.	LTMW-S01			na sense a sense	Time In: (	5853	Time Out	0928
Well Int	formation							
			тос	Other	Well Type	e: Flu	Ishmount	Stick-Up
Depth to Wat	er:	(feet)	8.68		Well Lock	ked:	Yes	No
Depth to Bott	om:	(feet)	16.92		Measuring	Point Marked:	Yes 🗙	No
Depth to Proc	duct:	(feet)	~		Well Mate	erial: PVC	S S Ot	her:
Length of Wa	ter Column:	(feet)	8.24		Well Dian	neter: 1	" 🗌 2" 🔀 Ot	her:
Volume of Wa	ater in Well:	(gal)	1.31		Comment	ts:		
Three Well V	olumes:	(gal)	3.95			Ţ.		
Puraina li	nformation							
<u>j</u> j		-				[	Conversion I	Factors
Purging Meth	od:	Bai	ler Peristalt	ic Grund	Ifos Pump	aal/#	1" ID 2" ID	4" ID 6"
Tubing/Bailer	Material:	Tefl	on Stainless S	St. Po	lyethylene	gai/It.	1	
Sampling Met	hod:	Bai	er Peristalt	ic Grund	fos Pump	water	0.04 0.16	0.66 1.4
Average Pum	ping Rate:	(ml/min)	200	ii		1 gall	lon=3.785L=3785n	nL=1337cu. fe
Duration of Pu	umping:	(min)	30			gui		
Total Volume	Removed:	(gal)	)	Did well go drva	Yes No	X		
. within a Alama		19/1				الكسنا		
Horiba LL 52 V	Vatar Quality	Motor Llood2	Va					
Horiba U-52 V	Vater Quality N	Vieter Used?	Ye	sXNo	al canada y financia a serie da serie d			
Horiba U-52 V	Vater Quality M DTW (feet)	Temp	Ye pH		Conductivity (mS/cm)	Turbidity	DO (mg/l)	TDS
Horiba U-52 V	Vater Quality M DTW (feet)	Temp (°C)	PH	SNO ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	Vater Quality I DTW (feet) 8.20	Temp           (°C)           18.96           19.99	Уе рН (6.94	S No ORP (mV) - 77 - 79	Conductivity (mS/cm) 3735	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	Vater Quality N DTW (feet) 8.20 8.22 9.23	Temp (°C) 18.96 18.99	PH 6.94 6.93	s No ORP (mV) -77 -79	Conductivity (mS/cm) $\sim 735$ $\sim 739$ $\sim 245$	Turbidity (NTU) 1.3 3.0 3.9	DO (mg/L) 	TDS (g/L) - 4/73
Horiba U-52 V Time 5855 0900 0900 0905	Vater Quality N DTW (feet) 8:22 8:22 8:23	Temp (°C) 18.96 18.99 8.94	PH 6.94 6.93 6.92	s No ORP (mV) -77 -79 -80	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.4	DO (mg/L) 	TDS (g/L) - 477 - 477 - 477 - 477 - 477
Horiba U-52 V Time <u>9855</u> <u>905</u> <u>995</u> <u>9910</u> <u>0915</u>	Vater Quality N DTW (feet) 8:22 8:23 8:23 8:23 8:23	Temp (°C) 18.96 18.99 18.94 18.93	PH 6.93 6.92 6.92 6.92	$S \boxtimes No \square$ $ORP$ $(mV)$ $-77$ $-79$ $-80$ $-81$ $-81$	Conductivity (mS/cm) • 735 • 739 • 739 • 739 • 739 • 739	Turbidity (NTU) 1.3 3.0 3.9 3.4	DO (mg/L) -22 -22 	TDS (g/L) - 473 - 473 - 473 - 472
Horiba U-52 V Time 0900 0900 0910 0915	Vater Quality N DTW (feet) 8:72 8:72 8:73 8:73 8:73 8:73 8:73	Temp (°C) 18.96 18.99 18.94 18.93 18.80	PH 6.94 6.93 6.92 6.92 6.92 6.92 6.92 6.92	S No ORP (mV) 77 -79 -80 -81 -81 -81 -81 -29	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.4 4.1	DO (mg/L) -22 -22 -25 -25 -25 -25 -25 -25 -25 -25	TDS (g/L) - 473 - 473 - 473 - 472 - 472 - 473 - 472
Horiba U-52 V Time 9855 0900 0900 0910 0915 0920 0920 0925	Vater Quality N DTW (feet) 8.70 8.72 8.73 8.73 8.73 8.73 8.73 8.73 8.73	Temp (°C) 18.99 18.99 18.99 18.93 18.80 18.23 18.73	PH 6.93 6.93 6.92 6.92 6.92 6.92 6.92 6.92 6.92 6.92	s No ORP (mV) 77 -79 -80 -81 -81 -78 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1	DO (mg/L) -22 -22 -25 -25 -25 -25 -25 -25 -25 -25	TDS (g/L) - 473 - 473
Horiba U-52 V Time 5855 0900 0905 0910 0915 0920 0925	Vater Quality N DTW (feet) 8.72 8.73 8.73 8.73 8.73 8.73 8.73 8.73 8.73	Temp (°C) 18.96 18.99 18.94 18.93 18.93 18.80 18.23 18.73	PH 6.94 6.93 6.92 6.92 6.92 6.92 6.92 6.92	$s \boxtimes No \square$ ORP (mV) -77 -79 -80 -81 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1 24.6	DO (mg/L) -22 -0, 20 -0, 00 -0, 00 -0, 00 -0, 00	TDS (g/L) • 473 • 473 • 473 • 473 • 473 • 473 • 473 • 473
Horiba U-52 V Time 9855 900 900 905 905 90710 0910 0920 0920 0925	Vater Quality N DTW (feet) 8:22 8:23 8:23 8:23 8:23 8:23 8:23 8:23	Temp (°C) 18.99 18.99 18.94 18.93 18.80 18.73 18.73	PH 6.93 6.93 6.92 6.92 6.92 6.92 6.92 6.92	s No ORP (mV) -77 -79 -80 -81 -81 -78 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.9 3.9 4.1 4.1 4.1 4.1 4.1	DO (mg/L) -22 -22 -22 -25 -25 -25 -25 -25 -25 -25	TDS (g/L) - 473 - 473
Horiba U-52 V Time 9855 0900 0900 0910 0915 0920 0925	Vater Quality N DTW (feet) 8:22 8:22 8:23 8:23 8:23 8:23 8:23 8:23	Temp (°C) 18.96 18.99 18.99 18.94 18.93 18.80 18.73 18.73	PH 6.94 6.93 6.92 6.92 6.92 6.92 6.92 6.92	$s \boxtimes No \square$ ORP (mV) $-77$ $-79$ $-80$ $-81$ $-78$ $-74$ $-74$	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1	DO (mg/L) -22 - 20 - 20 - 20 - 20 - 20 - 20 - 20	TDS (g/L) - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473
Horiba U-52 V Time 5855 0900 0905 0910 0915 0920 0920 0925	Vater Quality N DTW (feet) 8:22 8:23 8:23 8:23 8:23 8:23 8:23 8:23	Temp (°C) 18.99 18.99 18.94 18.93 18.80 18.73 18.73	PH 6.94 6.93 6.92 6.92 6.92 6.92 6.92	s $\mathbb{N}_{0}$ ORP (mV) -77 -79 -80 -81 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.6 3.9 3.9 3.4 4.1 4.1 4.1 4.1 24.6	DO (mg/L) 	TDS (g/L) - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473 - 473
Horiba U-52 V Time 9855 0900 0910 0915 0920 0925 0925 0925	Vater Quality N DTW (feet) $\overline{R}$ , $\overline{AO}$ $\overline{R}$ , $\overline{PJ}$ $\overline{R}$ , $\overline{PJ}$	Temp (°C) 18.99 18.99 18.94 18.93 18.80 18.73 18.73	PH 6.94 6.93 6.92 6.92 6.92 6.92 6.92	s $N_0$ ORP (mV) -77 -79 -80 -81 -81 -78 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.4 4.1 4.1 4.1 4.1	DO (mg/L) -22 -22 -22 -22 -22 -22 -22 -22 -22 -2	TDS (g/L) - 4/73 - 4/73 - 4/73 - 4/73 - 4/73 - 4/73 - 4/73 - 4/73
Horiba U-52 V Time 5855 0900 0900 0905 0905 0905 0915 0920 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 000 00	Vater Quality N DTW (feet) 8.72 8.73 8.73 8.73 8.73 8.73 8.73 8.73 8.73 0.75 0.75	Temp (°C) 18.99 18.99 18.93 18.80 18.23 18.73	PH pH 6.93 6.92 6.92 6.92 6.92 6.92 6.92	$S \ No$ ORP (mV) 77 -79 -80 -81 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.9 4.1 4.1 4.1 4.1 24.6	DO (mg/L) -22 - 20 - 20 - 20 - 20 - 20 - 20 - 20	TDS (g/L) - 473 - 475 -
Horiba U-52 V Time 5855 0900 0900 0900 0900 0910 0915 0920 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 0920 0925 000 000 000 000 000 000 000 0	Vater Quality N DTW (feet) 8,20 8,22 8,23 8,53 8,53 8,53 8,53 8,53 8,53 8,53 8,53	Veter Used? Temp (°C) 18.99 18.99 18.93 18.93 18.73 18.73 18.73 18.73 18.73 18.73	PAH's	$s \ No$ ORP (mV) -77 -79 -80 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.9 4.1 4.1 4.1 4.1 24.6	DO (mg/L) -22 - 20 - 20 - 20 - 20 - 20 - 20 - 20	TDS (g/L) - 473 - 475 -
Horiba U-52 V Time 5855 0900 000 0900 0000 00	Vater Quality N DTW (feet) 8:22 8:22 8:23 8:25 8:555 8:55 8:555 8:55 8:55 8:55 8:555 8:5	Veter Used? Temp (°C) 18.99 18.99 18.94 18.93 18.73 18.73 18.73 SVOC VOC's	PAH's BTEX	$s \ No$ ORP (mV) -77 -79 -80 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.6 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1 4.6	DO (mg/L) 	TDS (g/L) - 473 - 475 -
Horiba U-52 V Time 9855 0900 000000	Vater Quality N DTW (feet) 8.22 8.23 8.25 8.55	Veter Used? Temp (°C) 18.99 18.99 18.93 18.80 18.73 18.73 18.73 SVOC VOC's Cyar	PAH's BTEX hide	$s \ No$ ORP (mV) -77 -79 -80 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.0 3.9 3.9 3.9 4.1 4.1 4.1 4.1 4.1 3.40 1 - 250 ml vial 1 - 250 ml plas	DO (mg/L)	TDS (g/L) - 4/73 - 4/75 - 4/75
Horiba U-52 V Time 9855 0900 0910 0915 0920 0925 0920 0925 Sampling Info EPA SW-840 EPA SW-840 EPA Me EPA Me	Vater Quality N DTW (feet) 8.22 8.23 8.24	Veter Used? Temp (°C) 18.99 18.99 18.93 18.80 18.23 18.73 18.73 SVOC VOC's Cyar Meta	PAH's BTEX hide als	$s \ No$ ORP (mV) -77 -79 -80 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.6 3.9 3.9 3.4 4.1 4.1 4.1 24.6 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 222 0,20 0,00 0,00 0,00 0,00 0,00 0,00	TDS (g/L) - 4/73 - 4/74 - 4/74
Horiba U-52 V Time Star Volume Horiba U-52 V Control Control Control Control Control Control Control Control Control Control Control Control Control Control Co	Vater Quality N DTW (feet) 9.70 8.72 8.73	Veter Used? Temp (°C) 18.99 18.99 18.93 18.93 18.73 18.73 18.73 SVOC VOC's Cyar Meta 0621 Du	PAH's BTEX hide als	S No ORP (mV) -77 -79 -80 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.9 3.9 3.9 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4.1	DO (mg/L) -22 - 20 - 20 - 20 - 20 - 20 - 20 - 20	TDS (g/L) - 4/73 - 4/74 - 4/74
Horiba U-52 V Time Sampling Info EPA SW-840 EPA SW-840 EPA Me EPA Me EPA Me EPA Me EPA Me	Vater Quality N DTW (feet) 8.72 8.73	Temp         (°C)         18.99         18.99         18.93         18.93         18.93         18.93         18.74         18.75         18.75         18.75         18.75         18.75         18.75         18.75         18.75 </td <td>PAH's BTEX hide s/MSD?</td> <td>S No ORP (mV) 77 -79 -80 -81 -81 -78 -74</td> <td>Conductivity (mS/cm)</td> <td>Turbidity (NTU) 1.3 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1 2.1 0 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of</td> <td>DO (mg/L)</td> <td>TDS (g/L) - 4/23 - 4/2 - 4/2 -</td>	PAH's BTEX hide s/MSD?	S No ORP (mV) 77 -79 -80 -81 -81 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.9 3.9 3.4 4.1 4.1 4.1 4.1 4.1 2.1 0 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of	DO (mg/L)	TDS (g/L) - 4/23 - 4/2 -
Horiba U-52 V Time Sampling Info Sample ID: Sample Time: Comments/Not	Vater Quality N DTW (feet) 8.20 8.22 8.23 8.25 8.55	Temp         (°C)         18.99         18.99         18.93         18.93         18.75         18.75 </td <td>PAH's BTEX hide als Uplicate? S/MSD?</td> <td>S No ORP (mV) -77 -79 -80 -81 -78 -78 -74</td> <td>Conductivity (mS/cm)</td> <td>Turbidity (NTU) 1.3 3.6 3.9 3.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4</td> <td>DO (mg/L) 222 0,00 0,</td> <td>TDS (g/L) - 4/23 - 4/2 - 4/2 - - 4/2 - 4/2 - - 4/</td>	PAH's BTEX hide als Uplicate? S/MSD?	S No ORP (mV) -77 -79 -80 -81 -78 -78 -74	Conductivity (mS/cm)	Turbidity (NTU) 1.3 3.6 3.9 3.4 4.1 4.1 4.1 4.1 4.1 4.1 4.1 4	DO (mg/L) 222 0,00 0,	TDS (g/L) - 4/23 - 4/2 - 4/2 - - 4/2 - 4/2 - - 4/

6 of 23

		leta by	<u>^</u>		Date:	6/9/21		
Job Number:	0603200-1	34400-221			Weathe	r: 73 54	n	
Well Id.	LTMW-D02				Time In	1535	Time Out	t:/610
Well In	formation							
			тос	Other	Well Tv	be: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	10.67		Well Lo	cked:	Yes	No
Depth to Bott	tom:	(feet)	40.29		Measurin	g Point Marked:	Yes	No
Depth to Proc	duct:	(feet)	-		Well Ma	terial: PVC	SS Ot	her:
Length of Wa	ater Column:	(feet)	29.62		Well Dia	meter: 1'	' 2" Xot	her:
Volume of W	ater in Well:	(gal)	4.73		Comme	nts:		
Three Well V	olumes:	(gal)	1.57				A	
Purging I	nformation	-				[	Conversion	Footoro
Puraina Meth	od:	Railer	Perietalti	Grund	fos Pump			
Tubing/Bailer	Material:	Teflon	Stainless S	t. Pol	vethylene	gal/ft.		
Sampling Me	thod:	Bailer	Peristalti	c Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pum	ping Rate:	(ml/min)	terrenand	Channell I	· -	1 gall	on=3.785L=3785r	nL=1337cu. feet
Duration of P	umping:	(min)						
Total Volume	Removed:	(gal)	C	Did well go dry?	Yes	0 🗶		
Horiba U-52 V	Nater Quality I	Meter Used?	Yes					
						and the second second		an an dan terre
Time	DTW	Temp	pН	ORP	Conductivity	/ Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)	pН	ORP (mV)	Conductivity (mS/cm)	/ Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	DTW (feet) 11.68	Temp (°C) 19,44	рН 7.99	ORP (mV)	Conductivity (mS/cm)	/ Turbidity (NTU) 137	DO (mg/L) 2.92	TDS (g/L) ,093
Time 15 35 15 40	DTW (feet) 11.68 12.29	Temp (°C) 19.44 19.40	рН 7.99 8.01	ORP (mV) 79 72	Conductivity (mS/cm) .145 .147	/ Turbidity (NTU) 137 79.8	DO (mg/L) 2.92 2.25	TDS (g/L) 2093 2096
Time 15 35 15 40 15 45	DTW (feet) 11.68 12.29 12.50	Temp (°C) 19.44 19.40 19.39 19.39	рН 7.99 8.01 8.02	ORP (mV) 29 97 104	Conductivity (mS/cm) - 143 - 147 - 147	7 Turbidity (NTU) 137 79.8 83.5 84.4	DO (mg/L) 2.92 2.25 1.92	TDS (g/L) .093 .096 .097 .097
Time 15 35 15 40 15 45 15 50 15 55	DTW (feet) 11.68 12.29 12.50 12.67 12.79	Temp (°C) 19.44 19.40 19.39 18.81 18.81	pH 7.99 8.01 8.02 8.01 8.01	ORP (mV) 79 72 72 104 100	Conductivity (mS/cm) . 145 . 147 . 147 . 147 . 147 . 147 . 147 . 147	7 Turbidity (NTU) 137 79.8 83.5 81.4 85.4	DO (mg/L) 2.92 2.25 1.92 1.94 1.94	TDS (g/L) ~093 ~096 ~097 ~097 ~097
Time 15 35 15 40 15 45 15 50 15 55 16 00	DTW (feet) 11.68 12.29 12.50 12.67 12.67 12.79 12.82	Temp (°C) 19.44 19.40 19.40 19.9 18.81 18.81 18.49 18.46	рН 7.99 8.01 8.02 8.02 8.01 8.02 8.01 8.00 298	ORP (mV) 29 97 104 110 115 117	Conductivity (mS/cm) - 145 - 142 - 142 - 150 - 154 - 158	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>83.4</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.94 1.94 1.87 1.87	TDS (g/L) \$093 \$096 \$097 \$097 \$097 \$097 \$101
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.82	Temp (°C) 19.44 19.40 19.40 19.97 18.81 18.81 18.49 18.66 18.66 18.44	рН 7.99 8.01 8.02 8.02 8.02 8.01 8.02 7.98 7.94	ORP (mV) 29 97 104 110 115 117 117 119	Conductivity (mS/cm) , 143 , 142 , 142 , 142 , 150 , 154 , 158 , 166	<ul> <li>Turbidity</li> <li>(NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.94 1.87 1.68 1.77	TDS (g/L) ~096 ~096 ~097 ~097 ~097 ~101 ~101 ~104 ~108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05	DTW (feet) 11.68 12.29 12.50 12.67 12.67 12.79 12.82 12.88	Temp (°C) 19.44 19.40 19.40 19.40 18.81 18.81 18.49 18.49 18.49 18.44	рН 7.99 8.01 8.02 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 29 72 104 110 115 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.94 1.84 1.84 1.68 1.77	TDS (g/L) .093 .096 .097 .097 .101 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.82	Temp (°C) 19.44 19.40 19.40 19.40 18.81 18.49 18.49 18.66 18.44	рН 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 29 72 104 110 115 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.94 1.87 1.68 1.77	TDS (g/L) .096 .096 .097 .097 .101 .101 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.88	Temp (°C) 19.44 19.40 19.09 18.81 18.49 18.44 18.66 18.44	рН 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 79 72 104 110 115 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.25 1.92 1.92 1.94 1.87 1.68 1.77	TDS (g/L) .096 .096 .097 .01 .101 .104 .108
Time 15 35 15 40 15 45 15 55 16 00 16 05 Sampling Info	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.88	Temp (°C) 19.44 19.40 19.40 19.40 18.81 18.49 18.49 18.66 18.44	рН 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 29 72 104 110 115 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.94 1.87 1.68 1.77	TDS (g/L) .096 .096 .097 .097 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05 Sampling Info	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.88	Temp (°C) 19.44 19.40 19.97 18.81 18.49 18.66 18.44	рН 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 79 72 72 72 72 72 72 72 72 72 72 72 72 72	Conductivity (mS/cm) , 145 , 147 , 147 , 147 , 147 , 157 , 157 , 158 , 166	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>77.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> </ul>	DO (mg/L) 2.92 2.25 1.92 1.92 1.92 1.92 1.87 1.68 1.77	TDS (g/L) .096 .096 .097 .097 .101 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05 Sampling Info EPA SW-84 EPA SW-84	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.88 12.88	Temp (°C) 19.44 19.40 19.40 19.40 18.81 18.49 18.49 18.49 18.49	pH 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 79 77 104 110 115 117 117	Conductivity (mS/cm)	2 - 100ml ambe	DO (mg/L) 2.92 2.25 1.92 1.94 1.89 1.68 1.77	TDS (g/L) .096 .096 .097 .097 .101 .101 .105
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05 16 05 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.88 12.88 12.88 00000000000000000000000000000000000	Temp (°C) 19.44 19.40 19.39 18.81 18.49 18.66 18.44 18.44 18.44	рН 7.99 8.01 8.02 8.01 8.02 7.98 7.94	ORP (mV) 79 72 72 104 110 115 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>77.8</li> <li>83.5</li> <li>81.4</li> <li>85.7</li> <li>85.7</li> <li>81.3</li> <li>2-100ml ambe 3-40 ml vials</li> <li>1.250 ml plots</li> </ul>	DO (mg/L) 2.92 1.92 1.92 1.92 1.87 1.87 1.68 1.77	TDS (g/L) .096 .096 .097 .01 .101 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 05 16 05 16 05 Sampling Info EPA SW-84 EPA Me EPA Me	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.79 12.82 12.82 12.88 12.88 6 Method 8270 6 Method 8270 6 Method 8260 ethod 335.4 ethod 200.7	Temp (°C) 19.44 19.40 19.97 18.81 18.49 18.66 18.49 18.66 18.49 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18.49 18.66 18	pH 7.99 8.01 8.02 8.01 8.02 8.01 8.00 7.98 7.94 7.94 4H's TEX le	ORP (mV) 79 72 104 110 115 117 117	Conductivity (mS/cm) , 145 , 147 , 147 , 147 , 147 , 157 , 157 , 157 , 166	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>77.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>85.4</li> <li>81.3</li> <li>2 - 100ml ambe 3 - 40 ml vials</li> <li>1 - 250 ml plas</li> <li>1 - 250 ml plas</li> </ul>	DO (mg/L) 2.92 1.92 1.94 1.94 1.87 1.68 1.77	TDS (g/L) .093 .096 .097 .097 .097 .01 .101 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05 16 05 Sampling Info EPA SW-84 EPA Me EPA Me	DTW (feet) 11.68 12.29 12.67 12.67 12.79 12.82 12.82 12.88 12.88 6 Method 8270 6 Method 8270 6 Method 8260 ethod 335.4 ethod 200.7	Temp (°C) 19.44 19.40 19.97 18.81 18.49 18.66 18.49 18.66 18.49 18.66 18.49 VOC's B Cyanid Metals	pH 7.99 8.01 8.02 8.01 8.02 8.01 8.02 7.98 7.98 7.94 4H's TEX le	ORP (mV) 79 72 104 110 115 117 117	Conductivity (mS/cm) , 145 , 147 , 147 , 147 , 147 , 157 , 157 , 157 , 166	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>77.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>83.4</li> <li>81.3</li> <li>81.3</li> <li>2-100ml ambe 3 - 40 ml vials</li> <li>1 - 250 ml plas</li> <li>1 - 250 ml plas</li> </ul>	DO (mg/L) 2.92 1.92 1.94 1.87 1.68 1.77 1.68 1.77	TDS (g/L) .093 .096 .097 .097 .097 .097 .001 .101 .101 .101 .104 .108
Time 15 35 15 40 15 45 15 50 15 55 16 00 16 05 16 05 EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me	DTW (feet) 11.68 12.29 12.50 12.67 12.67 12.79 12.82 12.88 12.88 00000000000000000000000000000000000	Temp (°C) 19.44 19.40 17.39 18.49 19.49 18	pH 7.99 8.07 8.02 8.07 8.02 8.07 7.99 7.99 7.94 7.94 8.10 7.94 10 10 10 10 10 10 10 10 10 10 10 10 10	ORP (mV) 29 72 104 110 117 117 117 117	Conductivity (mS/cm) . 145 . 147 . 147 . 157 . 157 . 158 . 166 	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>85.4</li> <li>85.4</li> <li>81.3</li> <li>81.3</li> <li>91.3</li> <li>91.4</li> <li>91.3</li> <li>91.4</li> <li>91.3</li> <li>91.4</li> <li>91.4<td>DO (mg/L) 2.92 1.92 1.94 1.87 1.68 1.77 1.68 1.68 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.5</td><td>TDS (g/L) .073 .076 .076 .077 .07 .07 .07 .07 .07 .07 .07 .07 .0</td></li></ul>	DO (mg/L) 2.92 1.92 1.94 1.87 1.68 1.77 1.68 1.68 1.58 1.58 1.58 1.58 1.58 1.58 1.58 1.5	TDS (g/L) .073 .076 .076 .077 .07 .07 .07 .07 .07 .07 .07 .07 .0
Time 15 35 15 40 15 45 15 55 15 55 16 00 16 05 16 05 EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me EPA Me	DTW (feet) 11.68 12.29 12.50 12.67 12.79 12.82 12.88 12.88 12.88 12.88 6 Method 8270 6 Method 8270 6 Method 8260 ethod 335.4 ethod 200.7 LTMW-D02- 1605 tes:	Temp (°C) 19.44 19.40 17.39 18.49 19.49 18	pH 7.99 8.07 8.02 8.07 8.07 8.07 7.99 7.94 AH's TEX le s licate? MSD?	ORP (mV) 29 72 104 110 117 117 117 117 117	Conductivity (mS/cm)	<ul> <li>Turbidity (NTU)</li> <li>137</li> <li>79.8</li> <li>83.5</li> <li>81.4</li> <li>85.4</li> <li>85.4</li> <li>85.4</li> <li>81.3</li> <li>81.3</li> <li>81.3</li> <li>2.100ml ambe 3 - 40 ml vials</li> <li>1 - 250 ml plas</li> </ul>	DO (mg/L) 2.92 1.92 1.94 1.87 1.68 1.77 1.77 1.77 1.77 1.77 1.77 1.77 1.7	TDS (g/L) .073 .076 .076 .077 .07 .07 .07 .07 .07 .07 .07 .07 .0

Sampling Pe	rsonnel:	I Cier 1			Date: 6	[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	Man particular	
Job Number:	0603200-13	4400-221			Weather:	70 Sunny		
Well Id.	LTMW-S02				Time In:	1615	Time Out	1655
Well In	formation							
			TOC	Other	Well Type	e: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	7.57		Well Lock	ed:	Yes	No
Depth to Bott	iom:	(feet)	17.98		Measuring	Point Marked:	Yes	No
Depth to Proc	duct:	(feet)	0.70		VVell Mate	erial: PVC		her:
Length of Wa	ater Column:	(feet)	827		vveli Diam	neter: 1		her:
Three Well V	olumes:	(gal) (gal)	4.02		Comment	5.		
Purging I	nformation					<b></b>	Conversion	actors
Purging Meth	od:	Baile	Peristalt	Grund	tos Pump			4" ID 6" I
Tubing/Bailer	Material:	Teflo	n Stainless S			gai/ft.		
Sampling Met	thod:	Baile	Peristalti	c Grunn	fos Pump	water	0.04 0.16	0.66 1.4
Average Pum	ping Rate:	(ml/min)	Sa			1 gall	on=3.785L=3785n	nL=1337cu. fee
Duration of Pr	umping:	(min)	30			gui		
Total Volume	Removed:	(gal)	) [	Did well go dry	? Yes No	X		
and the second state of th		and the second se			Innernal			
Horiba U-52 V	Vater Quality N	leter Used?	Ye					
Horiba U-52 V Time	Vater Quality N	Neter Used?	eY Ha		Conductivity	Turbidity		TDS
Horiba U-52 ∖ Time	DTW (feet)	Aeter Used? Temp (°C)	Pe	S NO ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Horiba U-52 \ Time	Vater Quality IV DTW (feet)	Temp (°C)	Уе рН 7.05	S No ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L) 1.22	TDS (g/L)
Horiba U-52 \ Time 1615 1620	DTW (feet) 7559 io(6 10,54	Temp (°C) (°C) 17.21 18.32	PH 7.05 6.72	S No ORP (mV) -32 -43	Conductivity (mS/cm) - 5780 - 66-3	Turbidity (NTU) 0.0 80	DO (mg/L) 1.22 0.00	TDS (g/L) - 381 - 428
Horiba U-52 V Time 1675 1620 1625	Vater Quality N DTW (feet) 70,54 10,56	Neter Used? Temp (°C) 6 19.21 18.32 13.98	PH 7.05 6.72 6.71	S NO ORP (mV) -32 -43 -55	Conductivity (mS/cm) - 5780 - 66-3 - 742	Turbidity (NTU) 0.0 8 0 5 721	DO (mg/L) [.22 [.00 [.00]	TDS (g/L) - 428 - 428 - 475
Horiba U-52 V Time 1615 1620 1625 1630	Vater Quality IV (feet) 7557106 10.54 10.54 10.57	Temp (°C) 6 19.21 13.98 13.98	PH 7.05 6.72 6.71 6.70	S No ORP (mV) -32 -43 -55 -58	Conductivity (mS/cm) - 5780 - 66-3 - 742 > 740	Turbidity (NTU) 0.0 8 0 5 71 415	DO (mg/L) 1.22 0.00 0.00	TDS (g/L) - 428 - 475 - 473
Horiba U-52 V Time 1615 1620 1625 1630 1635	Nater Quality N (feet) 759108 10,54 10,54 10,57 10,58	Temp (°C) (°C) (°C) (°C) (°C) (°C) (°C) (°C)	PH 7.05 6.72 6.71 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -58 -61	Conductivity (mS/cm) - 5780 - 66-3 - 742 - 742 - 740 - 737	Turbidity (NTU) 0.0 80 571 4/15 307	DO (mg/L) /.22 0.00 0.00 0.00	TDS (g/L) - 381 - 428 - 475 - 473 - 473
Horiba U-52 V Time <u>1675</u> <u>1625</u> <u>1635</u> <u>1635</u> <u>1640</u>	Vater Quality N DTW (feet) 70,54 10,54 10,57 10,58 10,58	Neter Used? Temp (°C) 6 19.21 18.32 13.98 13.98 13.93 13.54 13.54 13.63	PH 7.05 6.72 6.71 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -64	Conductivity (mS/cm) - 5780 - 66-3 - 742 - 742 - 742 - 742 - 737 - 734	Turbidity (NTU) 0.0 8 D 571 415 307 191	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) - 428 - 428 - 475 - 473 - 473 - 471 - 470
Horiba U-52 V Time 1615 1620 1625 1635 1635 1640 1645	Vater Quality IV (feet) 755710(3 70,574 70,57 70,57 70,58 70,58 70,58	Temp (°C) (°C) (°C) (°C) (°C) (°C) (°C) (°C)	PH 7.05 6.72 6.71 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -61 -65	Conductivity (mS/cm) - 5780 - 66 3 - 742 > 742 > 740 - 737 - 734 - 733	Turbidity (NTU) 0.0 8 P 57/ 9/15 307 19/ 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .473 .471 .470 .471 .470 .469
Horiba U-52 V Time 1615 1620 1625 1630 1635 1640 1645	Nater Quality N DTW (feet) 7.57 10.57 10.58 10.58 10.58 10.58	Temp (°C) (°C) (°C) (°C) (°C) (°C) (°C) (°C)	PH 7.05 6.72 6.72 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -61 -65	Conductivity (mS/cm) -5780 -663 -742 >742 >740 -737 -734 -734 -733	Turbidity (NTU) 0.0 80 571 415 307 191 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .473 .473 .473 .471 .470 .469
Horiba U-52 V Time 1615 1620 1625 1635 1635 1640 1645	Vater Quality IV (feet) 7557 106 10,54 10,57 10,57 10,58 10,58 10,58	Neter Used? Temp (°C) 6 17.21 18.32 13.98 13.98 13.54 13.54 13.54 13.54 13.30	PH 7.05 6.72 6.72 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66-3 - 742 > 740 - 737 - 734 - 733 - 734 - 733	Turbidity (NTU) 0.0 8 D 57/ 9/15 307 19/ 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .473 .471 .470 .471 .470
Horiba U-52 V Time 1615 1620 1625 1635 1640 1645 1640 1645 5 840	Vater Quality IV (feet)	Neter Used? Temp (°C) 6 19.21 18.32 13.98 13.93 13.54 13.54 13.63 13.30	PH 7.05 6.72 6.72 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66 3 - 742 - 742 - 747 - 737 - 734 - 733 - 733	Turbidity (NTU) 0.0 8 P 57/ 4/15 307 19/ 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .471 .470 .471 .470 .469
Horiba U-52 V Time 1615 1620 1625 1635 1640 1645 1645 1645	DTW         (feet)         35910(3         10,57         10,57         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58         10,58	Neter Used? Temp (°C)	рН 7.05 6.72 6.72 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -61 -65	Conductivity (mS/cm) - 5780 - 66-3 - 742 > 742 > 740 - 737 - 734 - 734 - 733	Turbidity (NTU) 0.0 8 5 71 415 307 191 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .471 .470 .471 .469
Horiba U-52 V Time 1615 1620 1625 1635 1640 1645 1655 165	Vater Quality N DTW (feet) 959106 10,54 10,54 10,57 10,58	Neter Used? Temp (°C) 6 17.21 18.32 13.98 13.98 13.54 13.54 13.54 13.30 SVOC F	Уе рН 7.05 6.72 6.72 6.70 6.70 6.70 6.70	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66-3 - 742 > 740 - 737 - 734 - 733 	Turbidity (NTU) 0.0 8 0 5 7/ 9/15 307 19/ 126	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .473 .471 .470 .471 .469
Horiba U-52 V Time 1615 1620 1625 1635 1640 1645 1640 1645 1640 1645 1640 1645 1640 1645 1640 1645 1640 1645 1640 1645 1640 164	Vater Quality N DTW (feet) 959106 10,54 10,54 10,57 10,58	Neter Used? Temp (°C) 6 197.21 18.32 13.93 13.93 13.54 13.54 13.63 13.30 SVOC F VOC'S E	PAH's BTEX	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66 3 - 742 - 742 - 737 - 734 - 733 - 733	Turbidity (NTU) 0.0 8 5 7/ 9/15 3 7 19/ 126 2 - 100ml ambe 3 - 40 ml viale	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .471 .470 .471 .470 .471
Horiba U-52 V Time 1615 1620 1625 1635 1640 1645 1645 1645 1645 1645 1645 EPA SW-84 EPA SW-84 EPA Me	Vater Quality N DTW (feet)	Temp         (°C)         (°T.2.1         18.32         13.93         13.54         13.54         13.54         13.54         13.54         13.54         13.55         13.54         13.55	PAH's BTEX de	S No ORP (mV) -32 -43 -55 -58 -61 -65	Conductivity (mS/cm) - 5780 - 66 3 - 742 > 740 - 737 - 734 - 733	Turbidity (NTU) 0.0 80 57/ 9/15 307 19/ 126 2 - 100ml ambe 3 - 40 ml vial: 1 - 250 ml plas	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .475 .473 .472 .477 .477 .477 .477 .477 .477 .477
Horiba U-52 V Time 1615 1620 1625 1635 1640 1640 1645 1640 1645 1640 1645 EPA SW-84 EPA SW-84 EPA Me EPA Me	Vater Quality N DTW (feet)	Aeter Used? Temp (°C) 6 17.21 18.32 13.98 13.88 13.98 13.98 13.98 13.98 13.88 13.98 13.88 14.88 15.	PAH's BTEX de ls	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66 3 - 742 - 742 - 737 - 734 - 733 - 733	Turbidity (NTU) 0.0 8 5 7/ 9/15 3 7 19/ 126 2 - 100ml ambr 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .473 .473 .4723 .471 .479 .479 .479 .479 .479 .479 .479 .479
Horiba U-52 V Time 1675 1620 1625 1630 1635 1640 1645 1645 1645 1645 EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me	DTW           DTW           (feet)           359108           10.52           10.52           10.58 <td>Temp         (°C)         (°T,21)         18,32         13,93         13,93         13,54         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         <t< td=""><td>PAH's BTEX de lis</td><td>S NO ORP (mV) -32 -43 -55 -58 -61 -64 -65</td><td>Conductivity (mS/cm) - 5780 - 66-3 - 7442 - 7442 - 737 - 734 - 734 - 734 - 734</td><td>Turbidity (NTU) 0.0 80 57/ 915 307 191 126 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas</td><td>DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00</td><td>TDS (g/L) .381 .428 .4723 .4723 .4724 .470 .47200 .4720 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47000 .472000 .47200 .47200 .472000000000000000000000000000000000000</td></t<></td>	Temp         (°C)         (°T,21)         18,32         13,93         13,93         13,54         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554         13,554 <t< td=""><td>PAH's BTEX de lis</td><td>S NO ORP (mV) -32 -43 -55 -58 -61 -64 -65</td><td>Conductivity (mS/cm) - 5780 - 66-3 - 7442 - 7442 - 737 - 734 - 734 - 734 - 734</td><td>Turbidity (NTU) 0.0 80 57/ 915 307 191 126 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas</td><td>DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00</td><td>TDS (g/L) .381 .428 .4723 .4723 .4724 .470 .47200 .4720 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47000 .472000 .47200 .47200 .472000000000000000000000000000000000000</td></t<>	PAH's BTEX de lis	S NO ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 5780 - 66-3 - 7442 - 7442 - 737 - 734 - 734 - 734 - 734	Turbidity (NTU) 0.0 80 57/ 915 307 191 126 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .4723 .4723 .4724 .470 .47200 .4720 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47200 .47000 .472000 .47200 .47200 .472000000000000000000000000000000000000
Horiba U-52 V Time 1615 1620 1625 1630 1635 1640 1645 1645 1645 1645 EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me	DTW         (feet)         259108         10,54         10,57         10,57         10,58	Temp         (°C)         (°T,21         18,32         13,93         13,93         13,54         13,54         13,57     <	PAH's BTEX de ls pH PAH's BTEX de ls	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 570 - 663 - 742 - 737 - 734 - 734 - 733 	Turbidity (NTU) 0.0 80 57/ 9/15 307 19/ 126 2 - 100ml ambo 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .423 .423 .421 .420 .421 .420 .420 .420 .420 .420 .420 .420 .420
Horiba U-52 V Time <i>Ib15</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i>Ib20</i> <i></i>	Vater Quality IV (feet)	Temp (°C)         6       17.21         18.32         13.93         13.54         13.54         13.54         13.54         13.55         13.54         13.55         13.54         13.55	PAH's BTEX de ls pH PAH's BTEX de ls	S No ORP (mV) -32 -43 -55 -58 -61 -64 -65	Conductivity (mS/cm) - 570 - 66 3 - 742 - 737 - 734 - 734 - 733 	Turbidity (NTU) 0.0 80 57/ 915 307 191 126 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of _aboratory:	DO (mg/L) 1.22 0.00 0.00 0.00 0.00 0.00 0.00 0.00	TDS (g/L) .381 .428 .423 .423 .421 .420 .421 .420 .421 .420 .420 .420 .420 .420 .420 .420 .420

f 23

Sampling Pe	rsonnel:	Peter La	102		Date: 🥻	6/10/21		
Job Number:	0603200-13	34400-221			Weather:	75° Sima	M	
Well Id.	LTMW-D03				Time In:	1052	Time Ou	t: 1130
Well In	formation	-						
			TOC	Other	Well Type	e: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	7.33		Well Lock	ed:	Yes	No
Depth to Bott	iom:	(feet)	40.73		Measuring	Point Marked:	Yes	No
Depth to Pro	duct:	(feet)			Well Mate	erial: PVC		:her:
Length of Wa	ater Column:	(feet)	33.4		Well Diam	neter: 1'	2"201	her:
Volume of VV	ater in VVeil:	(gal)	5.39		Comment	s:		
Thee weav	olumes.	(gai)	16103					
Puraina I	nformation							
3.3		-					Conversion	Factors
Purging Meth	iod:	Baile	r Perista	Itic Grund	fos Pump	nal/ft	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflor	Stainless	St. Pol	yethylene	of		
Sampling Me	thod:	Baile	Perista	Itic Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pum	ping Rate:	(ml/min)	200			1 gall	on=3.785L=3785r	nL=1337cu. feet
Duration of P	umping:	(min)	30					
Total Volume	Removed:	(gal)	1	Did well go dry?	Yes No	X		
Horiba U-52 V	Nater Quality I	Meter Used?	Y					
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
T IIIIO	(feet)	(°C)	pri pri	(m\/)	(mS/cm)	(NTU)	(ma/l.)	(0/1)
10.55	5.99	22.01	6.88	-76	1657	3.9	0,00	411
1100	6.64	23.12	8:42	-123	. 320	12.7	0,00	:205
1105	7.05	23.64	8,86	-192	.333	4.4	0000	,219
1/10	7.32	23.82	7.63	-152	0706	200	0,00	,458
1115	7.05	20,14	7.49	-110	.915	2.6	0,00	.584
1120	7.38	22.64	7.51	-113	,783	ilvl	0000	.502
1125	4.65	23.12	7.46	-111	-819	1.1	0,00	• 525
				-				
Sampling Inf	ormation <sup>.</sup>							
EPA SW-84	6 Method 8270	SVOC P	'AH's			2 - 100ml ambe	ers Yes	
EPA SW-84	16 Method 8260	VOC's E	TEX			3 - 40 ml vial	s Yes	XNO
	ethod 335.4	Cvanio	de			1 - 250 ml plas	tic Yes	XNo H
EPA Me		Metal	s			1 - 250 ml plas	tic Yes	No
EPA Me EPA Me	ethod 200.7	INICIEI					. 50	
EPA Me EPA Me	ethod 200.7	0604	liantaQ					
EPA Me EPA Me Sample ID: Sample Time:	ethod 200.7 <u> LTMW-D03-</u>	0621 Dup MS	olicate? /MSD?	Yes No X	Shi	pped: Pa Drop-of	ce Courier Pick f Albany Service	up Center
EPA Me EPA Me Sample ID: Sample Time:	ethod 200.7 LTMW-D03- <u> パス</u> fes:	0621 Dup MS	blicate? /MSD?	Yes No X	Shi	pped: Pa Drop-of	ce Courier Picki f Albany Service Pace Ana	up Center
EPA Me EPA Me Sample ID: Sample Time:	ethod 200.7 <b>LTMW-D03-</b> <u>11 みぢ</u> tes:	0621 Dup	olicate? /MSD?	Yes No Yes No X	Shi	pped: Pa Drop-of Laboratory:	ce Courier Picki f Albany Service Pace Ana	up Center

Sampling Pel	rsonnel:	1cto M	Ve		Date: 🕻	,10/2)		
Job Number:	0603200-13	34400-221			Weather:	Sunny "	70°	
Well Id.	LTMW-S03				Time In:	1012	Time Ou	t: <i>105</i> 6
an and Margan								
Well Inf	formation	-	TOO	01		13. <b>7-14</b>		
Donth to Mat		(51)	100	Other	VVell I ype	: Flu	Ishmount	Stick-Up
Depth to Bott	iom:	(feet)	1370		VVeir LOCK	eu. Reint Marked	Yes	
Depth to Proc	duct:	(feet)			Weasuring	rial D\/C		
Length of Wa	ter Column:	(feet)	943		Well Diam	eter: 1'		ther:
Volume of Wa	ater in Well:	(gal)	150		Comment	s:		
Three Well Ve	olumes:	(gal)	4.52					
						17		
Puraina Ir	nformation							
							Conversion	Factors
Purging Meth	od:	Baile	r Peristalti	c Grund	fos Pump	gal/ft	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflor	n Stainless St	t. Pol	yethylene	of		
Sampling Met	hod:	Baile	r Peristalti	c 🗙 Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pum	ping Rate:	(ml/min)	2.7			1 gall	on=3.785L=3785	mL=1337cu. feet
Duration of Pu	umping:	(min)	30					
Total Volume	Removed:	(gal)	C	Did well go dry?	Yes No	×		
			Ve					
Horiba U-52 V	Vater Quality N	Veter Used?	Yes					
Horiba U-52 V	Vater Quality N	Veter Used?	Y es		ntatu di Alexandre Inderet	and the second		
Horiba U-52 V	Vater Quality M	Veter Used?	Ha	ORP	Conductivity	Turbidity	DO	TDS
Horiba U-52 V	Vater Quality M DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Horiba U-52 V Time	Vater Quality M DTW (feet)	Meter Used? Temp (°C) 18.0⊋	рН 7.40	ORP (mV) -102	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Horiba U-52 V Time _/075 _/020	DTW (feet) 1 <del>5103</del> 128	Veter Used? Temp (°C) 18.0子 20.05	рН 7.40 6.64	ORP (mV) -702 -76	Conductivity (mS/cm) - 445	Turbidity (NTU) 34.1 11.3	DO (mg/L) <i>O, X</i>	TDS (g/L) . 291 : 384
Horiba U-52 V Time <i>J015</i> <i>J020</i> <i>J025</i>	Vater Quality M DTW (feet) 1997 9438 41,28	Veter Used? Temp (°C) 18. 0子 20. ひう 20. でよ	pH 7.40 6.64 6.65	ORP (mV) -702 -70 -75	Conductivity (mS/cm) - 445 - 600 - 3792	Turbidity (NTU) 34.1 11.3 12.6	DO (mg/L) 0 - 00 0 - 00	TDS (g/L) .291 .384 
Horiba U-52 V Time <u>」りょく</u> 」のこく 」のこく	Vater Quality M DTW (feet) 1 <del>200</del> 4.38 4.28 4.28 4.28	Veter Used? Temp (°C) 18.07 20.05 20.75 20.75 20.75 20.75	pH 7.40 6.64 6.65 6.65	ORP (mV) -102 - 70 - 75 -76	Conductivity (mS/cm) - 445 - 6 05 - 3 92 - 3 92 - 5 97	Turbidity (NTU) 34.1 11-3 12-6 12.8	DO (mg/L) 0 - 00 0 - 00 0 - 00	TDS (g/L) .291 .384 .384 .384 .382
Horiba U-52 V Time J015 J020 J025 J035	DTW           (feet)           151           4.28           4.28           4.28           4.28           4.28	Temp (°C) 18.07 20.05 20.73 20.73 21.06 21.78	pH 7.40 6.64 6.65 6.65 6.65	ORP (mV) -102 -70 -75 -76 -73	Conductivity (mS/cm) - 445 - 60 - 592 - 592 - 592 - 579	Turbidity (NTU) 34,1 11.3 12.6 12.8 8,9	DO (mg/L) ⊘, ∞ ⊙, ∞ ⊘, ∞ ⊙, ∞	TDS (g/L) .291 .384 .384 .382 .382 .370
Horiba U-52 V Time J015 J020 J025 J035 J035 J040	Vater Quality N DTW (feet) 1.28 4.28 4.28 4.28 4.28 4.28 4.28	Temp (°C) 18.07 20.05 20.77 20.77 20.77 21.78 21.78 21.94	pH 7.40 6.64 6.65 6.65 6.66 6.66	ORP (mV) -702 -76 -75 -76 -73 -73	Conductivity (mS/cm) - 445 - 60 - 5792 - 5792 - 5797 - 5797 - 5797 - 5797 - 5797	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .271 .384 .384 .379 .382 .370 .370 .372
Horiba U-52 V Time J015 J020 J025 J035 J035 J040 J045	Vater Quality N DTW (feet) 1.28 4.28 4.28 4.28 4.28 4.28 4.28 4.28 4	Temp (°C) 18.07 20.05 20.72 20.72 21.78 21.78 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -702 -76 -75 -76 -73 -73 -73 -73	Conductivity (mS/cm) - 445 - 600 - 5792 - 5792 - 5792 - 5792 - 5792 - 5792 - 5787 - 5787	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4 7.5	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00 0-	TDS (g/L) .291 .384 .382 .370 .382 .370 .372 .372 .372
Horiba U-52 V Time J015 J020 J025 J035 J040 J045	DTW           (feet)           154.00           14.28           1.28	Temp (°C) 18.07 20.05 20.72 21.78 21.78 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -102 -70 -25 -25 -26 -23 -23 -23	Conductivity (mS/cm) - 445 - 60 - 572 - 572 - 572 - 572 - 5781 - 5780	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4 7.5	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .291 .384 .382 .370 .382 .370 .372 .372
Horiba U-52 V Time J015 J020 J025 J025 J035 J040 J045	Vater Quality M DTW (feet) 19.28 4.28 4.28 4.28 4.28 4.28 4.28 4.28 4	Temp (°C) 18.07 20.05 20.72 20.72 21.78 21.78 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -102 -70 -75 -76 -73 -73 -73 -73	Conductivity (mS/cm) - 445 - 60 - 3592 - 3792 - 379	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 2.4 7.5	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .291 .384 .382 .382 .370 .370 .372
Horiba U-52 V Time J015 J020 J025 J035 J035 J045	Vater Quality M DTW (feet) 19.09 4.28 4.28 4.28 4.28 4.28 4.28 4.28 4.28	Temp (°C) 18.07 20.05 20.72 20.72 21.78 21.78 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -102 - 70 - 75 - 76 - 73 - 73 - 73 - 73	Conductivity (mS/cm) - 445 - 600 - 3592 - 3592 - 3792 - 5780 - 581 - 581 - 580	Turbidity (NTU) 34,1 11.3 12.6 12.8 8.9 9.4 7.5	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .291 .384 .382 .382 .382 .370 .372 .372
Horiba U-52 V Time J015 J020 J035 J035 J040 J045	Vater Quality N           DTW           (feet)           19           41,28           4	Temp (°C) 18.07 20.05 20.73 20.73 21.78 21.78 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -702 -76 -75 -76 -73 -73 -73	Conductivity (mS/cm) - 445 - 6 05 - 5 92 - 5 92 - 5 92 - 5 92 - 5 81 - 5 81 - 5 80 	Turbidity (NTU) 34.1 11-3 12-6 12-8 8-9 9.4 7-5	DO (mg/L) 0,00 0,00 0,00 0,00 6,00	TDS (g/L) .291 .384 .370 .382 .370 .372 .372
Horiba U-52 V Time J015 J020 J025 J035 J040 J045 Sampling Info	Vater Quality N           DTW           (feet)           134           4.28           4.2	Veter Used? Temp (°C) 18.07 20.05 20.72 21.78 21.74 21.94 22,11	pH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -102 -70 -75 -76 -73 -73 -73 -73	Conductivity (mS/cm) - 445 - 605 - 3792 - 3792 - 3792 - 3792 - 3780 	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4 7.5	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .291 .384 .382 .382 .370 .370 .372
Horiba U-52 V Time J015 J020 J035 J035 J045 J045 Sampling Info	DTW           (feet)           154.028           41.28<	Veter Used? Temp (°C) 18.07 20.05 20.72 20.72 21.78 21.78 21.94 22.11	pH 7.40 6.64 6.65 6.66 6.66 6.66	ORP (mV) -702 -76 -75 -76 -73 -73 -73	Conductivity (mS/cm) - 445 - 60 - 572 - 572 - 577 - 577 - 578 - 5788 - 578 - 578 - 5788 - 578 - 578 -	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4 7.5 2-100ml ambo	DO (mg/L) ∂- ∞ 0- ∞ 0- ∞ 0- ∞ 0- ∞ 0- ∞ 0- ∞ 0- ∞ 0	TDS (g/L) .291 .384 .370 .382 .370 .372 .372
Horiba U-52 V Time /0/5 /020 /025 /025 /025 /025 /025 /025 /025 /025 /025 /025 /025 /020 /025 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /020 /025 /0	DTW           (feet)           19.08           41.28 <td>Veter Used? Temp (°C) 18.07 20.05 20.77</td> <td>PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66</td> <td>ORP (mV) -702 -70 -75 -76 -73 -73 -73</td> <td>Conductivity (mS/cm) - 445 - 6 05 - 5 92 - 5 92 - 5 92 - 5 92 - 5 81 - 5 81 - 5 80 </td> <td>Turbidity (NTU) 34.1 11-3 12-6 12-8 8-9 9-4 7-5 2-100ml ambe 3-40 ml vial</td> <td>DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00</td> <td>TDS (g/L) .291 .384 .370 .382 .370 .372 .372</td>	Veter Used? Temp (°C) 18.07 20.05 20.77	PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -702 -70 -75 -76 -73 -73 -73	Conductivity (mS/cm) - 445 - 6 05 - 5 92 - 5 92 - 5 92 - 5 92 - 5 81 - 5 81 - 5 80 	Turbidity (NTU) 34.1 11-3 12-6 12-8 8-9 9-4 7-5 2-100ml ambe 3-40 ml vial	DO (mg/L) 0-00 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) .291 .384 .370 .382 .370 .372 .372
Horiba U-52 V Time J015 J020 J025 J035 J040 J045 Sampling Info EPA SW-844 EPA SW-844 EPA Me	Vater Quality N           DTW           (feet)           19.028           41.28           <	Veter Used? Temp (°C) 18.07 20.05 20.72 20.72 21.78 21.78 21.94 22,111 SVOC P VOC's B Cyanic	PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66	ORP (mV) -102 - 70 - 75 - 76 - 73 - 73 - 73	Conductivity (mS/cm) - 445 - 600 - 3792 - 37	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 2.4 7.5 7.5 2 - 100ml ambounds $3 - 40 ml vial:1 - 250 ml plas$	DO (mg/L) O- 00 O-	TDS (g/L) .291 .384 .382 .370 .370 .372 .372 .372
Horiba U-52 V Time J015 J020 J025 J035 J035 J040 J045 Sampling Info EPA SW-84 EPA Me EPA Me	DTW           (feet)           19           41,28	Temp (°C)         18.07         20.05         20.72         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         22.11         SVOC P         VOC's B         Cyanic         Metal	PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66 6.66 6.66	ORP (mV) -702 -70 -75 -76 -73 -73 -73	Conductivity (mS/cm) - 445 - 6 05 - 5 92 - 5 92 - 5 92 - 5 92 - 5 81 - 5 81 	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 9.4 7.5 2 - 100ml ambu 3 - 40 ml vial: 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) Or OO Or OO	TDS (g/L) .291 .384 .329 .320 .320 .322 .322 .322 .322 .322 .322
Horiba U-52 V Time JO15 JO25 JO25 JO35 JO45 Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me	DTW           (feet)           15.00 %           4.28           5.4           6 Method 8260           6 Method 200.7           LTMW-S03.4	Temp (°C)         18.07         20.05         20.72         20.72         21.78         21.78         21.74         22.11         SVOC P         VOC's B         Cyanic         Metal         0621       Dur	PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66 6.66 6.66	ORP (mV) -102 -70 -25 -25 -26 -23 -23 -23	Conductivity (mS/cm) - 4115 - 605 - 572 - 572 - 572 - 572 - 578 - 5780	Turbidity (NTU) 34.1 11-3 12-6 12-8 8-9 9-4 7-5 2-100ml ambo 3-40 ml vial: 1-250 ml plas 1-250 ml plas	DO (mg/L)	TDS (g/L) .271 .384 .329 .329 .320 .320 .322 .322 .322 .322 .322 .322
Horiba U-52 V Time JO15 JO20 JO25 JO35 JO45 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me	DTW         (feet)         15	Temp (°C)         18.07         20.05         20.72         20.72         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.78         21.794         221.11         Cyanic         Metal         0621       Dup         MSJ	PH 7.40 6.64 6.65 6.66 6.66 6.66 6.66 6.66 6.66	ORP       (mV)       -702       -76       -25       -76       -23       -73	Conductivity (mS/cm) - 445 - 605 - 572 - 572 - 572 - 572 - 5780 	Turbidity (NTU) 34.1 11-3 12-6 12-8 8-9 9-4 7-5 7-5 2 - 100ml ambo 3 - 40 ml vial: 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	DO (mg/L)	TDS (g/L) .271 .384 .329 .382 .370 .370 .372 .372 .372 .372 .372 .372 .372 .372
Horiba U-52 V Time JO15 JO20 JO35 JO35 JO40 JO45 Sampling Info EPA SW-846 EPA SW-846 EPA SW-846 EPA SW-846 EPA Me EPA Me EPA Me EPA Me	DTW         (feet)         19.28         41.28     <	Temp (°C)         18.07         20.07         20.77         20.77         20.77         20.77         20.77         20.77         20.77         20.77         20.77         20.77         20.78         21.78         21.79         22.11         SVOC P         VOC's B         Cyanic         Metal         0621       Dup         MSA	PH 7.40 6.64 6.65 6.65 6.66 6.66 6.66 6.66 6.66 6.65 6.66 6.65 6.66 6.65 6.66 6.65 6.66 6.65 6.55 6.65 6.55 6.65 6.55 6.	ORP       (mV)       -702       -76       -73       -74       -74       -75	Conductivity (mS/cm) - 4115 - 6 05 - 5 72 - 5 72 - 5 72 - 5 78 - 78 - 78 - 78 - 78 - 78 - 78 - 78 -	Turbidity (NTU) 34.1 11.3 12.6 12.8 8.9 2.4 7.5 2.4 7.5 2.100ml ambo 3-40 ml vial 1-250 ml plas 1-250 ml plas 1-250 ml plas 1-250 ml plas Drop-of .aboratory:	DO (mg/L)	TDS (g/L) .271 .384 .382 .370 .370 .372 .372 .372 .372 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

Sampling Per	rsonnei:	12121 1	1011		Date: 🍃	110/2)		
Job Number:	0603200-13	34400-221	1		Weather:	75 Sinny		
Well Id.	LTMW-D04				Time In:	1215	Time Out	: 1300
Well Inf	formation						······	
			TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat	er:	(feet)	9.94		Well Lock	ed:	Yes	No
Depth to Bott	om:	(feet)	46.36		Measuring	Point Marked:	Yes	No
Depth to Proc	duct:	(feet)			Well Mate	rial: PVC	SS Ot	her:
Length of Wa	ter Column:	(feet)	36.42		Well Diam	eter: 1"	2" X Ot	her:
Volume of Wa	ater in Well:	(gal)	5.82		Comments	s:		
Three Well Vo	olumes:	(gal)	14.70					
	ann a francist di							
Dunnin e la	-formation			and the second				and a second
Purging Ir	nformation					[	Conversion	Captora
Duraina Moth	odi		- Deviatel		faa Duma			
Purging Metho	Material:	Balle	Peristan		tos Pump	gal/ft.		4 10 0 10
Sampling Mot	thod:	- I etior Bailo	Porietel			OT water	0.04 0.16	0.66 1 47
Average Dum	ning Rate	(ml/min)		Giuna		1 delle	on=3.7851 =3785r	nl =1337cu feet
Duration of Pi	umping	(min)	30			Liyan	0.100L-01001	
Total Volume	Removed:	(dal)	1	Did well ao dry?		V		
rotar rotario	T torno to di	(90./]	·			<u> </u>		
	N		V					
Horiba U-52 V	Water Quality I	Veter Used?	re					and the second se
Horiba U-52 V	Water Quality I	Veter Used?	re					
Horiba U-52 V Time	Vater Quality I	Veter Used?	pH	ORP	Conductivity	Turbidity	DO	TDS
Horiba U-52 V Time	Water Quality I DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Horiba U-52 V Time	Vater Quality I DTW (feet)	Temp (°C)	pH	ORP (mV) 2477	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L) <i>5.74</i>	TDS (g/L) , <i>377</i>
Horiba U-52 V Time /2 2 0 /2 2 5	Vater Quality I DTW (feet) 10,88	Temp (°C) 14.25 14.79	pH 6.73 7.38	ORP (mV) 247 149	Conductivity (mS/cm) -589 -389	Turbidity (NTU) 9,2 4,1	DO (mg/L) 5,74 4,66	TDS (g/L) ,377 ,377
Horiba U-52 V Time 1220 1225 1230	Vater Quality I DTW (feet) 10.88 11.00 11.00	Temp (°C) 14.25 14.29 14.26	pH 6.73 7.38 7.61	ORP (mV) 247 149 32	Conductivity (mS/cm) -589 -589 -605	Turbidity (NTU) 9,2 4,1 3,0	DO (mg/L) 5,74 4,66 3,76	TDS (g/L) ,377 ,377 ,377 ,389
Horiba U-52 V Time 1220 1225 1230 1235	Vater Quality P DTW (feet) 11,00 11,00 11,00	Temp (°C) 14.25 14.29 14.29 14.26 14.26	pH 6.73 7.38 7.61 7.63	ORP (mV) 247 149 32 -93	Conductivity (mS/cm) -589 -389 -605 -605 -605	Turbidity (NTU) ?,2 4.1 3.0 1.9	DO (mg/L) 5,74 4,66 3,76 3,26	TDS (g/L) ,377 ,377 ,377 ,389 ,412
Horiba U-52 V Time 1225 1225 1230 1235 1240	DTW           (feet)           10.88           11.00           11.00           11.00	Temp (°C) 14.25 14.29 14.29 14.26 14.55	pH 6.73 7.38 7.61 7.66 7.66	ORP (mV) 247 149 32 -43 -64	Conductivity (mS/cm) -589 -589 -605 -605 -605 -605 -651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7	DO (mg/L) 5,74 4,66 3,76 3,26 3,20 2,40 1,89	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>[220 ]225</i> <i>]230</i> <i>[235</i> <i>]240</i> <i>]245</i>	Nater Quality I DTW (feet) 10,88 11,00 11,00 11,00 11,00	Temp (°C) 14.25 14.29 14.29 14.26 14.55 14.55 15.48	pH 6.73 7.38 7.60 7.66 7.66 7.66	ORP (mV) 247 149 32 -43 -64 -73	Conductivity (mS/cm) -589 -589 -605 -643 -651 -651 -651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8	DO (mg/L) 5,74 4,66 3,76 3,76 3,76 3,76 3,76 3,76 1,87	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /2 20 /2 25 /2 30 / 2 35 / 2 40 / 2 45 / 2 50	Nater Quality N DTW (feet) 10,88 11,00 11,00 11,00 11,00 11,00	Veter Used? Temp (°C) 14.25 14.29 14.29 14.26 14.55 15.48 15.48 15.03	pH 6.73 7.38 7.61 7.63 7.66 7.66 7.68	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -389 -605 -605 -605 -651 -651 -651 -649	Turbidity (NTU) ?,2 4.1 3.0 1.9 0.7 0.7 0.8 1.0	DO (mg/L) 5,74 4,66 3,76 3,26 3,20 2,40 1,89 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /220 /225 /230 /235 /240 /245 /250	Nater Quality N (feet) 10.88 11.00 11.00 11.00 11.00 11.00	Temp (°C) 14.25 14.29 14.29 14.26 14.55 15.48 15.48 15.03	pH 6.73 7.38 7.61 7.66 7.66 7.66	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -589 -605 -605 -605 -651 -651 -651 -651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0	DO (mg/L) 5,74 4,66 3,76 3,76 3,76 3,76 3,76 2,40 1,89 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time 1220 1225 1230 1235 1240 1245 1250	Nater Quality I DTW (feet) /0.88 //.00 //.00 //.00 //.00 //.00	Temp (°C) 14.25 14.29 14.29 14.20 14.55 15.48 15.93	pH 6.73 7.38 7.61 7.63 7.66 7.66 7.68	ORP (mV) 247 149 32 -473 -64 -73 -77	Conductivity (mS/cm) .589 .589 .605 .605 .643 .651 .651 .651 .649	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0	DO (mg/L) 5,74 4,66 3,76 3,26 3,26 3,20 2,40 7,89 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /2 2 0 /2 2 5 /2 2 5 /2 3 5 /2 4 5 / 2 4 5 / 2 5 0	Nater Quality N (feet) 10.88 11.00 11.00 11.00 11.00 11.00	Veter Used? Temp (°C) 14.25 14.29 14.29 14.26 14.55 15.48 15.48 15.03	pH 6.73 7.38 7.61 7.66 7.66 7.66	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -389 -605 -605 -605 -651 -651 -651 -649	Turbidity (NTU) 9.2 4.1 3.0 1.9 0.7 0.7 0.8 1.0	DO (mg/L) 3,74 4,66 3,76 3,76 3,76 3,76 2,40 1,89 1,41	TDS (g/L) ,377 .377 .377 .389 .412 .417 .417 .415
Horiba U-52 V Time /220 /225 /230 /235 /240 /245 /250	Nater Quality N (feet) 10.88 11.00 11.00 11.00 11.00 11.00	Temp (°C) 14.25 14.29 14.29 14.26 14.55 15.48 15.48 15.03	pH 6.73 7.38 7.61 7.66 7.66 7.66	ORP (mV) 247 149 32 -93 -64 -73 -77	Conductivity (mS/cm) -589 -589 -605 -605 -651 -651 -651 -651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0	DO (mg/L) 5,74 4,66 3,76 3,76 3,76 3,76 3,76 3,76 1,87 1,87 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time 1220 1225 1230 1240 1245 1250 1250 1250 1250	DTW         (feet)         10.88         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00	Veter Used? Temp (°C) 14.25 14.29 14.26 14.30 14.55 15.48 15.98 15.93	pH 6.73 7.38 7.61 7.63 7.66 7.66 7.68	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) .589 .589 .605 .605 .605 .651 .651 .651 .651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0	DO (mg/L) 5,74 4,66 3,76 3,26 3,26 3,20 2,40 1,89 1,41	TDS (g/L) ,377 ,377 ,377 ,389 .412 ,417 ,417 ,417
Horiba U-52 V Time /2 2 0 /2 2 5 /2 3 5 /2 4 5 /2 4 5 / 2 5 0 /2 4 5 / 2 5 0 Sampling Info	DTW         (feet)         10.88         11.00         11.00         11.00         11.00         11.00         11.00         11.00         0.00 <td>Veter Used? Temp (°C) 14.25 14.29 14.26 14.320 14.55 15.48 15.48 15.03</td> <td>pH 6.73 7.38 7.61 7.66 7.66 7.68</td> <td>ORP (mV) 247 149 32 -43 -64 -73 -77</td> <td>Conductivity (mS/cm) -589 -389 -605 -605 -605 -651 -651 -651</td> <td>Turbidity (NTU) ?,2 4.1 3.0 1.9 0.7 0.8 1.0</td> <td>DO (mg/L) 3,74 4,66 3,76 3,26 3,20 2,40 1,89 1,41</td> <td>TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37</td>	Veter Used? Temp (°C) 14.25 14.29 14.26 14.320 14.55 15.48 15.48 15.03	pH 6.73 7.38 7.61 7.66 7.66 7.68	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -389 -605 -605 -605 -651 -651 -651	Turbidity (NTU) ?,2 4.1 3.0 1.9 0.7 0.8 1.0	DO (mg/L) 3,74 4,66 3,76 3,26 3,20 2,40 1,89 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /220 /225 /230 /235 /240 /245 /245 /250 Sampling Info	DTW         (feet)         10,88         11,00     <	Veter Used? Temp (°C) 14.25 14.29 14.26 14.55 15.48 15.03	pH 6.73 7.38 7.61 7.66 7.66 7.66	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -589 -605 -643 -651 -651 -651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0	DO (mg/L) 5.74 4.66 3.76 3.36 3.32 2.40 1.89 1.41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>[220]</i> <i>1225</i> <i>1230</i> <i>1235</i> <i>1240</i> <i>]245</i> <i>1250</i> Sampling Info EPA SW-84	DTW         (feet)         10,88         11,00     <	Veter Used? Temp (°C) 14.25 14.29 14.20 14.30 14.55 15.48 15.48 15.93 SVOC F	рН 6.73 7.38 7.66 7.66 7.66 7.66	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) .589 .589 .605 .605 .605 .651 .651 .651 .651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,8 1,0 1,0 2 - 100ml ambe	DO (mg/L) 5,74 4,66 3,76 3,26 3,20 2,40 1,87 1,41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>J220</i> <i>J25</i> <i>J230</i> <i>J240</i> <i>J245</i> <i>J250</i> <i>J245</i> <i>J250</i> <i>Sampling Info</i> EPA SW-84 EPA SW-84	Vater Quality I         DTW         (feet)         10.88         11.00<	Veter Used? Temp (°C) 14.25 14.29 14.20 14.55 15.48 15.48 15.93 SVOC F VOC's E	pH 6.73 7.38 7.66 7.66 7.66 7.66 7.68 	ORP (mV) 247 149 32 -473 -64 -73 -77	Conductivity (mS/cm) -589 -589 -605 -605 -605 -643 -651 -651 -649	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,8 1,0 1,0 2 - 100ml ambra 3 - 40 ml vial	DO (mg/L) 5.74 4.66 3.76 3.26 3.20 2.40 1.87 1.41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /2 2 0 /2 2 5 /2 3 5 /2 4 0 /2 4 5 /2 4 /2	DTW         (feet)         10.88         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         11.00         16 Method 8270         46 Method 8260         ethod 335.4         ethod 200.7	Veter Used? Temp (°C) 14.25 14.29 14.26 14.325 14.55 15.48 15.58 15.58 15.58 VOC F VOC's E Cyani	PAH's 3TEX de	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) -589 -389 -605 -605 -605 -651 -651 -651	Turbidity (NTU) 9.2 4.1 3.0 1.9 0.7 0.7 0.8 1.0 2 - 100ml ambu 3 - 40 ml vial 1 - 250 ml plas	DO (mg/L) <i>3.74</i> <i>4.66</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.67</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.76</i> <i>3.776</i> <i>3.776</i> <i>3.776</i> <i>3.776</i> <i>3.776</i> <i>3.776</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.7777</i> <i>4.77777</i> <i>4.77777</i> <i>4.777777777777777777777777777777777777</i>	TDS (g/L) ,377 .377 .377 .389 .412 .417 .417 .415
Horiba U-52 V Time <i>[220]</i> <i>1225</i> <i>1230</i> <i>1235</i> <i>1240</i> <i>]245</i> <i>]245</i> <i>]250</i> Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me	Vater Quality I         DTW         (feet)         10,88         11,00<	Veter Used? Temp (°C) 14.25 14.29 14.26 14.35 15.48 15.58 15.58 15.58 15.03 SVOC F VOC's E Cyani Meta	PH 6.73 7.38 7.60 7.66 7.66 7.66 7.68 7.68 7.68 7.68 7.68	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) .589 .589 .605 .643 .651 .651 .651 .649	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,8 1,0 1,0 2 - 100ml ambr 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 5.74 4.66 3.76 3.20 2.40 7.87 1.41 1.41	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>J225</i> <i>J230</i> <i>J240</i> <i>J245</i> <i>J240</i> <i>J245</i> <i>J250</i> Sampling Info EPA SW-84 EPA Me EPA Me	Vater Quality I         DTW         (feet)         10.88         11.00<	Veter Used? Temp (°C) 14.25 14.29 14.26 14.30 14.55 15.48 15.98 15.98 15.03 SVOC F VOC's E Cyani Meta	PAH's 3TEX de ls	ORP (mV) 247 149 32 -43 -64 -73 -77	Conductivity (mS/cm) .589 .589 .605 .643 .651 .651 .651	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0 2 - 100ml ambr 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 5.74 4.66 3.76 3.76 3.76 3.76 3.76 7.87 1.40 1.87 1.40 1.87 1.40 1.40 5.87 1.40 5.87 1.40 5.87 5.87 5.87 5.87 5.87 5.87 5.87 5.87	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time /220 /225 /235 /240 /245 /255 /25	Vater Quality I DTW (feet) /0.88 //.00	Veter Used? Temp (°C) 14.25 14.29 14.26 14.55 15.48 15.58 15.58 15.58 VOC'S E Cyani Meta 0621 Du	PAH's 3TEX de ls plicate?	ORP       (mV)       2477       149       32       -93       -64       -73       -73       -73       -77	Conductivity (mS/cm) -589 -389 -605 -605 -651 -651 -651 -649	Turbidity (NTU) 9.2 4.1 3.0 1.9 0.7 0.7 0.8 1.0 2 - 100ml ambr 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) <i>S. 74</i> <i>U</i> <sub>1</sub> <i>GG</i> <i>3. 76</i> <i>3. 76</i> <i>4. 70</i> <i>4. 70</i> <i>5. 75</i> <i>5. 75</i>	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>[2 2 0 12 2 5 1 2 3 5</i> <i>] 2 4 5</i> <i>] 2 4 5</i> <i>] 2 4 5</i> <i>] 2 4 5</i> <i>] 2 5 0</i> <i>] 3 5 0</i> <i>] 3 5 0</i> <i>] 5 0</i> <i>] 5 0</i> <i>] 5 0</i> <i>] 5 0</i> <i>] 5 0</i> <i>] 6 0</i> <i>] 6 0</i> <i>] 6 0</i> <i>] 6 0</i> <i>] 6 0</i> <i>] 7 0 0</i> <i>] 7 0 0</i> <i>] 7 0 0 0 <i>] 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </i></i>	Vater Quality I DTW (feet) 10,88 11,00 10,000 10,000 10,	Veter Used? Temp (°C) 14.25 14.29 14.26 14.55 15.48 15.58 15.58 15.03 SVOC F VOC's E Cyani Meta 0621 Du MS	PAH's BTEX de ls plicate? S/MSD?	ORP       (mV)       247       149       32       -93       -64       -73       -743       -743       -743       -743       -743       -743       -743       -745       No	Conductivity (mS/cm) .589 .599 .605 .643 .651 .651 .651 .649	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,8 1,0 1,0 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	DO (mg/L) 5,74 4,66 3,76 3,76 3,76 3,76 3,76 7,87 1,47 1,87 1,47 1,87 1,47 1,87 1,47 1,87 1,47 1,87 1,47 1,87 1,47 1,87 1,47 2,40 7,87 1,97 1,97 1,97 1,97 1,97 1,97 1,97 1,9	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37
Horiba U-52 V Time <i>J2 20</i> <i>J2 25</i> <i>J2 30</i> <i>J2 45</i> <i>J2 45</i>	Vater Quality I         DTW         (feet)         10.88         11.00<	Veter Used? Temp (°C) 14.25 14.27 14.26 14.30 14.55 15.48 15.48 15.93 SVOC F VOC's E Cyani Meta 0621 Du MS	PAH's 3TEX de ls plicate?	ORP         (mV)         2472         149         32         -43         -73         -73         -73         -73         -73         -73         -743         No         Yes         No         Yes         No	Conductivity (mS/cm) .589 .589 .605 .643 .651 .651 .651 .649	Turbidity (NTU) 9,2 4,1 3,0 1,9 0,7 0,7 0,8 1,0 1,0 2 - 100ml ambr 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	DO (mg/L) 5.74 4.66 3.76 3.76 3.76 3.76 3.76 7.87 1.40 1.40 1.40 1.40 1.40 1.40 1.40 1.40	TDS (g/L) ,377 ,377 ,377 ,377 ,377 ,377 ,377 ,37

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Job Number:	: 0603200-13	34400-221			Weather:	75 Sung		
Well Id.	LTMW-S04	-			Time In:	1038	Time Out	1215
Well In	formation							
			TOC	Other	Well Type	: Flu	Ishmount	Stick-Up
Depth to Wat	ter:	(feet)	9.64		Well Lock	ed:	Yes	No
Depth to Bott	tom:	(feet)	17.26		Measuring	Point Marked:	Yes	No
Depth to Pro	duct:	(feet)			Well Mate	erial: PVC	S S S S S	her:
Length of Wa	ater Column:	(feet)	7.62		Well Diam	neter: 1'	" 🗌 2" 🗙 Ot	her:
Volume of W	ater in Well:	(gal)	1,21		Comment	S:		
Three Well V	olumes:	(gal)	3.65					
Purging I	nformation	-				[	Conversion	Eactors
Puraina Meth	nod:	Baile	r Peristal	tic Grund	fos Pump	a al lift	1" ID 2" ID	4" ID 6" I
Tubing/Bailer	Material:	Teflor	Stainless S	St. Pol	vethylene	gai/ft.		
Sampling Me	thod:	Baile	r Peristali	ic Grund	tos Pump	water	0.04 0.16	0.66 1.4
Average Pur	nping Rate:	(ml/min)	200			1 gall	on=3.785L=3785n	nL=1337cu fee
Duration of P	umping:	(min)	30			<u></u>	0,001	
Total Volume	Removed:	(gal)	1	Did well go drv?	Yes	R		
Llavika LL CO.	Alabar Our-life							
Horiba U-52 V	vater Quality i	vieter Used?	Ye					
Time	DTM	Temn			Conductivity	Turbidity		
Time	DTW (feet)	Temp	рН	ORP (m)()	Conductivity	Turbidity	DO (ma/l.)	TDS
Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time /140	DTW (feet) 10,9-3	Temp (°C) 14,53	pH	ORP (mV) 136	Conductivity (mS/cm)	Turbidity (NTU) 7.3	DO (mg/L) 2.61	TDS (g/L) ,3/8
Time 1140 1145	DTW (feet) 10,93 10,90 9,95	Temp (°C) 14,53 12,29	pH 6.88 6.36	ORP (mV) 136 273	Conductivity (mS/cm) . 490 . 493	Turbidity (NTU) 7.3 6.9	DO (mg/L) 2.6/ 1.58	TDS (g/L) ,3/8 ,307
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1155</i>	DTW (feet) 10,93 10,90 9,95 9,95	Temp (°C) 14,53 12.63	pH 6.88 6.36 6.25	ORP (mV) 136 273 301 301	Conductivity (mS/cm) . 490 . 493 . 491 . 491	Turbidity (NTU) 7.3 6.9 5.2	DO (mg/L) 2.6/ 1.58 0.06	TDS (g/L) ,3/8 ,307 -306
Time 1140 1145 1150 1153 1200	DTW (feet) 10,93 10,90 9,95 9,95 9,95	Temp (°C) 14,53 12.79 12.63 12.54 12.34	pH 6.88 6.36 6.25 6.23 6.23	ORP (mV) 136 273 301 306 231	Conductivity (mS/cm) . 4/70 . 4/73 . 4/74 . 4/74	Turbidity (NTU) 7,3 6,9 5,2 5,2 5,0	DO (mg/L) 2.6/ 1.58 0-06 0-06	TDS (g/L) .3/8 .307 .306 .312
Time 1140 1145 1150 1155 1200	DTW (feet) 10,93 10,90 9,95 9,95 9,99	Temp (°C) 14,53 12.99 12.63 12.54 12.36 12.29	pH 6.88 6.36 6.25 6.25 6.19	ORP (mV) 136 273 301 306 321	Conductivity (mS/cm) . 490 . 493 . 493 . 497 . 498 . 488	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3	DO (mg/L) 2.6/ 1.58 0.06 0.00 0.00	TDS (g/L) ,3/8 ,307 -306 ,312 ,312
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1153</i> <i>1200</i> <i>1205</i> <i>1210</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02	Temp (°C) 14,53 12.53 12.63 12.54 12.36 12.29	pH 6.88 6.36 6.25 6.23 6.19 6.19	ORP (mV) 136 273 301 306 321 331	Conductivity (mS/cm) . 490 . 497 . 497 . 497 . 498 . 498 . 496 . 496	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5	DO (mg/L) 2.6/ 1.58 0-06 0-00 0,00 0,00	TDS (g/L) , 3/8 , 307 - 306 , 312 - 323
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1153</i> <i>1200</i> <i>1205</i> <i>1210</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,03	Temp (°C) 14,53 <b>12.53</b> 12.63 12.54 12.36 12.29 12.26	pH 6.88 6.36 6.25 6.23 6.19 6.19 6.14 6.13	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) - 473 - 473 - 474 - 478 - 478 - 488 - 496 - 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 312 - 323 - 323
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1153</i> <i>1200</i> <i>1205</i> <i>1210</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,03	Temp (°C) 14,53 <b>12.53</b> 12.63 12.54 12.36 12.29 12.26	pH 6.88 6.36 6.25 6.23 6.19 6.19 6.14 6.14	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 493 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 312 - 323 - 323
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1153</i> <i>1200</i> <i>1205</i> <i>1210</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,03	Temp (°C) 14,53 12.53 12.54 12.36 12.29 12.26	рН 6.88 6.36 6.25 6.23 6.19 6.19 6.14 6.13	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 312 - 323 - 323
Time // 40 // 45 // 50 // 55 // 55 // 205 / 210 Sampling Infe	DTW (feet) 10,93 10,90 7.95 9,95 9,99 10,02 10,03	Temp (°C) 14.53 12.79 12.63 12.54 12.36 12.29 12.26	рН 6.88 6.36 6.25 6.25 6.19 6.19 6.14 6.14	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 497 . 498 . 498 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 312 - 303 - 312 - 323
Time <i>1140</i> <i>1145</i> <i>1150</i> <i>1153</i> <i>1200</i> <i>1205</i> <i>1210</i> Sampling Infe	DTW (feet) 10,93 10,90 2,95 7,95 9,99 10,02 10,03	Temp (°C) 14,53 12.53 12.54 12.36 12.29 12.26	рН 6.88 6.36 6.25 6.23 6.19 6.14 6.14 6.13	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 498 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0,00	TDS (g/L) , 3/8 , 307 - 306 , 3/2 - 306 , 3/2 - 303 - 323
Time <i>// 40</i> <i>// 45</i> <i>// 50</i> <i>// 55</i> <i>// 55</i> <i>// 205</i> <i>/ 205</i> <i>/ 205</i> <i>/ 210</i> Sampling Info EPA SW-84	DTW (feet) 10,93 10,90 9,95 9,99 10,02 10,03	Temp (°C) 14.53 12.79 12.63 12.54 12.36 12.29 12.26	рН 6.88 6.36 6.25 6.23 6.19 6.14 6.14 6.13	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb	DO (mg/L) 2. 6/ 1.58 0-06 0-00 0-00 0,00 0,00	TDS (g/L) ,3/8 ,307 -306 ,312 -323 -323 -323
Time <i>// 40</i> <i>// 45</i> <i>// 50</i> <i>// 53</i> <i>// 53</i> <i>// 53</i> <i>// 53</i> <i>// 53</i> <i>// 50</i> <i>// 205</i> <i>/ 205</i> <i>/ 210</i> Sampling Infe EPA SW-84 EPA SW-84	DTW (feet) 10,93 10,90 7,95 9,99 10,02 10,03	Temp (°C) 14,53 12.53 12.63 12.54 12.29 12.26 12.26 SVOC P VOC'S E	pH 6.88 6.36 6.25 6.23 6.19 6.14 6.14 6.13	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 3/2 - 306 , 3/2 - 303 - 323
Time <i>1140</i> <i>1145</i> <i>1156</i> <i>1155</i> <i>1260</i> <i>1265</i> <i>1205</i> <i>1210</i> Sampling Infe EPA SW-84 EPA SW-84 EPA Me	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,03	Temp (°C) 14,53 12.53 12.54 12.36 12.29 12.26 12.29 12.26 SVOC F VOC's E Cyania	pH 6.88 6.36 6.25 6.23 6.19 6.14 6.14 6.13 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 . 306 . 3/2 . 3/2
Time <i>1140</i> <i>1145</i> <i>1156</i> <i>1260</i> <i>1205</i> <i>1205</i> <i>1210</i> Sampling Infe EPA SW-84 EPA SW-84 EPA Me EPA Me	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,02 10,03	Temp (°C) 14,53 12.53 12.54 12.36 12.29 12.26 12.26 SVOC F VOC's E Cyanie Metal	pH 6.88 6.36 6.25 6.23 6.19 6.19 6.14 6.14 6.13 2 2 AH's 3TEX de	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 497 . 497 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00 0-00 0-00	TDS (g/L) , 3/8 , 307 - 306 , 3/2 - 306 , 3/2 - 303 - 323 - 323
Time <i>1140</i> <i>1145</i> <i>1155</i> <i>1250</i> <i>1255</i> <i>1205</i> <i>1205</i> <i>1205</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1200</i> <i>1205</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i> <i>1200</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,03 10,03 10,03 6 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7	Temp (°C) 14.53 12.54 12.54 12.36 12.29 12.26 12.29 12.26 SVOC F VOC's E Cyanie Metal	pH 6.88 6.36 6.25 6.23 6.19 6.19 6.14 6.14 6.13 2 2 AH's 3TEX de Is	ORP (mV) 136 273 301 306 321 331 342	Conductivity (mS/cm) . 490 . 493 . 491 . 498 . 498 . 496 . 498	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00 0-00 0-00 0-0	TDS (g/L) , 3/8 , 306 , 3/2 , 306 , 3/2 , 306 , 3/2 , 303 , 303 , 303 , 303 , 303 , 303 , 303 , 305 , 306 , 3/2 , 307 ,
Time <i>// 40</i> <i>// 45</i> <i>// 55</i> <i>// 55</i> <i>// 55</i> <i>// 55</i> <i>// 55</i> <i>// 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 20</i>	DTW (feet) 10,93 10,90 9,95 9,99 10,02 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,03 10,02 10,03 10,02 10,	Temp (°C) 14.53 12.54 12.63 12.54 12.36 12.27 12.26 12.26 5VOC F VOC's E Cyanie Metal	pH 6.88 6.36 6.25 6.25 6.23 6.19 6.19 6.14 6.14 6.13 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 8 7 8	ORP (mV) 136 273 301 306 321 337 372	Conductivity (mS/cm) - 4/73 - 4/73 - 4/78 - 4/88 - 4/96 - 4/98	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0,00 0,00 0,00 0,00 0,00	TDS (g/L) , 3/8 , 30-7 - 30-6 , 3/2 - 30-6 , 3/2 - 30-6 , 3/2 - 30-6 - 30-7 - 30-6 - 30-6 - 30-6 - 30-6 - 30-7 - 30-6 - 30-6 - 30-7 - 30-6 - 30-7 - 30-6 - 30-6 - 30-7 - 30-6 - 30-7 - 30-6 - 30-6 - 30-7 - 30-6 - 30-7 - 30-6 - 30-7 - 3
Time <i>// 40</i> <i>// 45</i> <i>// 50</i> <i>// 55</i> <i>// 50</i> <i>// 55</i> <i>// 205</i> <i>/ 206</i> <i>/ 20</i>	DTW (feet) 10.93 10.90 7.95 7.95 9.99 10.02 10.02 10.02 10.03 10.03 6 Method 8270 46 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 LTMW-S04- 1210	Temp (°C) 14.53 12.79 12.63 12.54 12.29 12.26 12.29 12.26 VOC's E Cyanie Metal 0621 Duj	pH 6.88 6.36 6.25 6.25 6.23 6.19 6.19 6.14 6.14 6.13 7 7 8 7 8 7 8 7 8 7 8 7 8 8 7 8 8 7 8 6 8 7 8 7	ORP (mV) 136 273 301 36 321 37 372 Yes No X	Conductivity (mS/cm) - 473 - 473 - 478 - 477 - 478 - 4788 - 4788 - 478 - 478 - 478 - 478 -	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 2. 6/ 1.58 0-06 0-00 0-00 0-00 0-00 0-00 0-00 0-0	TDS (g/L) ,3/8 ,307 -306 ,312 -306 ,312 -303 -303 -323 -323 -323 -323 -323 -32
Time <i>// 40</i> <i>// 45</i> <i>// 55</i> <i>// 55</i> <i>// 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 205</i> <i>/ 206</i> <i>/ 20</i>	DTW (feet) 10,93 10,90 7,95 7,95 9,99 10,02 10,02 10,03 10,03 6 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 LTMW-S04- 1210	Temp (°C) 14,53 12.53 12.54 12.36 12.29 12.26 12.29 12.26 SVOC F VOC's E Cyania Metal 0621 Duj	pH 6.88 6.36 6.25 6.23 6.19 6.14 6.14 6.14 6.14 6.13 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	ORP (mV) 136 273 301 306 321 372 372	Conductivity (mS/cm) - 4773 - 4773 - 478 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 50	Turbidity (NTU) 7.3 6.9 5.2 5.0 3.3 1.5 1.6 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of _aboratory:	DO (mg/L) 2.6/ 1.58 0-06 0-00 0-00 0-00 0-00 0-00 0-00 0-0	TDS (g/L) , 3/8 , 307 - 306 , 3/2 - 306 , 3/2 - 303 - 303 - 303 - 303 - 303 - 303 - 303 - 305 - 306 -

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	sonner.	cter Lyon	٦		Date: 6	19/2)	and the second	
Job Number:	0603200-13	34400-221			Weather:	Suny ;	700	
Well Id. L	TMW-D05				Time In:	1455	Time Out	1535
		a de la companya de l	ana ana				<i>A</i>	
Well Info	ormation	-	TOC	Other	\//ell Type	· Elu	shmount	Stick-Up
Depth to Wate	ır.	(feet)	958	Other	Well Lock	ed:	Yes	No
Depth to Botto	m:	(feet)	46.53		Measuring	Point Marked:	Yes	No
Depth to Produ	uct:	(feet)	-		Well Mate	rial: PVC		her:
Length of Wate	er Column:	(feet)	36.95		Well Diam	eter: 1'	2"X0t	ner:
Volume of Wa	ter in Well:	(gal)	5.91		Comment	s:		
Three Well Vo	lumes:	(gal)	17.73					
				an ta dina ang ang ang ang ang ang ang ang ang a		an a	1999 <del>- 200 - 200 - 1</del>	San State
Duraina In	formation			a				
Purging in	Iomation						Conversion	actore
Purging Metho	d.	Baile	r Peristal		Ifos Pump		1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflor	Stainless	St. Po		gai/it.		
Sampling Meth	nod:	Baile	r Peristal	tic Grund	Ifos Pump	water	0.04 0.16	0.66 1.47
Average Pump	ing Rate:	(ml/min)	200		r Iaaaad	1 gall	on=3.785L=3785n	nL=1337cu. feet
Duration of Pu	mping:	(min)	30		s Harry Sounds V	<u> </u>		
Total Volume F	Removed:	(gal)	)	Did well go dry	? Yes No	V I		
Horiba LL-52 \M	ater Quality I	Meter Lised?	v					
11011ba 0-52 VV	ater Quality I	vieter Osed i						
Time	DTM	Taman	1		Conductivity	Turbidity		TDO
Time	DTW (foot)	Temp	pН	ORP (m)()	Conductivity	Turbidity	DO (mg/l.)	TDS
Time	DTW (feet)	Temp (°C)	рН 2.14	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	DTW (feet) 10.183	Temp (°C) 16.14	рН 7,14 2,62	ORP (mV) 3/ /3	Conductivity (mS/cm) 338	Turbidity (NTU)	DO (mg/L) 0,00	TDS (g/L) 216 207
Time 1500 1505 1510	DTW (feet) 10.83 11.60 12.29	Temp (°C) 16.14 17.20 18.19	рН 7.14 7.62 7.93	ORP (mV) 31 13 21	Conductivity (mS/cm) - 338 - 319 - 310	Turbidity (NTU) 1.0 0,1 0,1	DO (mg/L) 0,00 0,00	TDS (g/L) , 216 , 207
Time 1500 1505 1510 1580	DTW (feet) 10.18.3 11.60 12.29 13.51	Temp (°C) 16,14 17,20 18,19 18,19	рН 7.14 7.62 7.93 7.98	ORP (mV) 31 13 21 26	Conductivity (mS/cm) . 338 . 319 . 310 . 307	Turbidity (NTU) 1.0 0,1 0,1 0,0	DO (mg/L) 0:00 0:00 0:00	TDS (g/L) - 216 - 207 - 207 - 202 - 202
Time 1500 1505 1510 1525	DTW (feet) 10.183 11.60 12.79 13.51 14.30	Temp (°C) 16.14 17.20 18.19 18.54 18.54 18.94	рН 7.14 7.62 7.93 7.98 8.00	ORP (mV) 31 13 21 26 32	Conductivity (mS/cm) • 338 • 319 • 310 • 307 • 307	Turbidity       (NTU)       1.0       0x1       0x1       0x0	DO (mg/L) 0,00 0,00 0,00 0,00	TDS (g/L) - 216 - 207 - 207 - 207 - 207 - 207 - 207 - 197
Time 1500 1505 1510 1520 1525 1530	DTW (feet) 10.83 11.60 12.79 [3.5] [4.30 [4.92	Temp (°C) 16.14 17.20 18.19 18.39 18.39 18.94 19.04	рН 7.14 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 32 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 307 - 303 - 303 - 303	Turbidity (NTU) 1.0 0,1 0,1 0,1 0,1 0,0 0,0 0,0	DO (mg/L) 0:00 0:00 0:00 0:00 0:00 0:00	TDS (g/L) - 216 - 207 - 207 - 207 - 207 - 207 - 197 - 197
Time 1500 1505 1510 1525 1525 1530	DTW (feet) 10.83 11.60 12.79 13.57 13.57 14.30 14.92	Temp (°C) 16.14 17.20 18.19 18.59 18.94 18.94 19.04	рН 7.14 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) • 338 • 319 • 310 • 307 • 307 • 303 • 303	Turbidity (NTU) 1.0 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,1 0,	DO (mg/L) 0,00 0,00 0,00 0,00 0,00 0,00	TDS (g/L) 216 207 207 202 -129 -197 2197
Time 1500 1505 1510 1525 1525 1530	DTW (feet) 10.83 11.60 12.79 13.51 14.30 14.92	Temp (°C) 16.14 17.20 18.19 18.37 18.94 18.94 19.04	рН 7.62 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 307 - 303 - 303	Turbidity (NTU) 1.0 0.,1 0.,1 0.,1 0.,1 0.,0 0.,0 0.,0	DO (mg/L) ⊙, OO ⊙, OD ⊙, OO ⊙, OO ⊙, OO ⊙, OO	TDS (g/L) - 216 - 207 - 207 - 207 - 207 - 129 - 197 - 197
Time 1500 1505 1510 1525 1530	DTW (feet) 10.83 11.60 12.79 [3.5] 14.30 14.30	Temp (°C) 16,14 17,20 18,19 18,39 18,39 18,94 19,04	рН 7.14 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 310 . 307 . 303 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) 0:00 0:00 0:00 0:00 0:00 0:00	TDS (g/L) ,216 ,207 ,207 ,202 ,129 ,197 ,197
Time 1500 1505 1510 1525 1525 1530	DTW (feet) 10.18.3 11.60 12.79 13.57 14.30 14.92	Temp (°C) 16,14 17,20 18,19 18,59 18,94 19,04	рН 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.0 0.0 0.0 0.0	DO (mg/L) ⊙, OO ⊙, OO ⊙, OO ⊙, OO ⊙, OO ⊙, OO	TDS (g/L) .216 .207 .207 .202 .129 .197 .197 .197
Time 1500 1505 1510 1525 1530	DTW (feet) 10.83 11.60 12.79 13.51 14.30 14.92	Temp (°C) 16.14 17.20 18.19 18.34 18.34 18.94 19.04	рН 7.14 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303 . 303	Turbidity (NTU) 1.0 0,1 0,1 0,1 0,0 0,0 0,0	DO (mg/L) 0:00 0:00 0:00 0:00 0:00	TDS (g/L) 216 207 202 197 197 2197
Time 1500 1505 1507 1500 1525 1525 1530 1530 1530 1530	DTW (feet) 10.83 11.60 12.79 13.51 14.30 14.92	Temp (°C) 16,14 17,20 18,19 18,59 18,94 19,04	рН 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303	Turbidity (NTU) 1.0 0,1 0,1 0,0 0,0 0,0 0,5 0	DO (mg/L) ⊘; ⊽∂ ⊘; ⊽∂ ⊘; ∂∂ ⊘; ∂∂	TDS (g/L) .216 .207 .207 .202 .129 .197 .197 .197
Time 1500 1505 1510 1525 1525 1530 1525 1530	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.30</i> <i>J4.92</i>	Temp (°C) 16.14 17.20 18.19 18.37 18.94 18.94	рН 7.62 7.93 7.98 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 303 - 303 - 303	Turbidity (NTU) $1 \cdot O$ $0 \cdot 1$ $0 \cdot 0$ $0 \cdot 0$ $0 \cdot 0$	DO (mg/L) ⊙, OO ⊙, OD ⊙, OO ⊙, OO ⊙, OO	TDS (g/L) .216 .207 .207 .207 .129 .197 .197 .197
Time 1500 1505 1510 1525 1530 1530 Sampling Info	DTW (feet) 10.83 11.60 12.29 [3.57] 14.30 14.92	Temp (°C) 16,14 17,20 18,19 18,39 18,94 19,04	рН 7.62 7.62 7.93 7.98 8.00 8.00	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) 0:00 0:00 0:00 0:00 0:00	TDS (g/L) ,216 ,207 ,207 ,202 ,129 ,197 ,197
Time 1500 1505 1505 1500 1000	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.79</i> <i>J3.51</i> <i>J4.36</i> <i>J4.92</i> rmation:	Temp (°C) 16,14 17,20 18,19 18,59 18,94 19,04	рН 7.62 7.93 7.98 8.00 8.00 8.01	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	DO         (mg/L)         ⊘, OO         Ø, OO      Ø, OO <t< td=""><td>TDS (g/L) .216 .207 .202 .129 .129 .197 .197</td></t<>	TDS (g/L) .216 .207 .202 .129 .129 .197 .197
Time 1500 1505 1510 1525 1525 1530 1525 1530 Sampling Info EPA SW-846 EPA Met	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.35</i> <i>J4.93</i> <i>rmation:</i> Method 8270 Method 8260 hod 335.4	Temp (°C) 16.14 17.20 18.19 18.37 18.94 19.04 19.04	рН <i>7.62</i> <i>7.93</i> <i>7.98</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i></i>	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 303 - 303 - 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) Or OD Or OD Or OD Or OD Or OD Or OD Or OD Or OD	TDS (g/L) .216 .207 .207 .207 .129 .197 .197 .197 .197
Time 1500 1505 1510 1525 1530 1530 530 530 530 530 530 530 530	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.79</i> <i>J3.51</i> <i>J4.36</i> <i>J4.93</i> <i>J4.93</i> <i>I4.93</i> <i>Method 8270</i> Method 8270 Method 8260 hod 335.4 hod 200.7	Temp (°C) 16,14 17,20 18,19 18,59 18,94 19,04 19,04 SVOC F VOC's F Cyani Meta	рН <i>7.62</i> <i>7.93</i> <i>7.93</i> <i>7.98</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i></i>	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	DO (mg/L) O, OD O, OD O, OD O, OD O, OD O, OD O, OD	TDS (g/L) .216 .207 .207 .207 .207 .207 .207 .207 .207
Time 1500 1505 1510 1525 1525 1525 1530 Sampling Info EPA SW-846 EPA Met EPA Met	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.33</i> <i>J4.93</i> <i>J4.93</i> <i>Method 8270</i> Method 8270 Method 8260 hod 335.4 hod 200.7	Temp (°C) 16.14 17.20 18.19 18.37 18.94 19.04 19.04 SVOC F VOC's F Cyani Meta	pH 7.62 7.93 7.98 8.00 8.00 8.01 8.01 8.01 8.01 8.01 8.01 8.01 8.01 8.01 8.01 8.01 8.00 8.00	ORP (mV) 31 13 21 26 32 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 303 - 303 - 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) Or OD Or OD Or OD Or OD Or OD Or OD Or OD Or OD	TDS (g/L) .216 .207 .207 .207 .129 .197 .197 .197 .197 .197 .197 .197 .19
Time 1500 1505 1510 1525 1530 1530 Sampling Info EPA SW-846 EPA SW-846 EPA Met EPA Met EPA Met	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.36</i> <i>J4.92</i> rmation: Method 8270 Method 8260 hod 335.4 hod 200.7 LTMW-D05-	Temp (°C) 16.14 17.20 18.19 18.39 18.39 18.39 19.04 9.04 SVOC F VOC's F VOC's F Cyani Meta 0621 Du	рН <i>7.62</i> <i>7.62</i> <i>7.93</i> <i>7.98</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i>8.01</i> <i></i>	ORP (mV) 31 13 21 26 32 34 	Conductivity (mS/cm) . 338 . 319 . 307 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) O, OD O, OD O, OD O, OD O, OD O, OD O, OD O, OD O, OD O, OD	TDS (g/L) 2/6 207 202 729 729 729 729 729 729 729 729 729 72
Time	DTW (feet) <i>j0183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.30</i> <i>J4.92</i> rmation: Method 8270 Method 8270 Method 8270 Method 8260 hod 335.4 hod 200.7 LTMW-D05- <i>J3.30</i>	Temp (°C) 16,14 17,20 18,19 18,59 18,94 19,04 19,04 900's B VOC's B Cyani Meta 0621 Du	pH 2.14 2.62 2.93 2.93 2.93 8.00 8.	ORP (mV) 31 13 21 26 32 34 34	Conductivity (mS/cm) . 338 . 319 . 307 . 307 . 303 . 303 . 303 . 303 . 303 . 303 . 303 . 303 . 303	Turbidity (NTU) 1.0 0.1 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0	DO (mg/L) OF OD OF	TDS (g/L) .216 .207 .207 .207 .129 .129 .197 .197 .197 .197 .197 .197 .197 .19
Time	DTW (feet) <i>jo183</i> <i>J1.60</i> <i>J2.29</i> <i>J3.51</i> <i>J4.36</i> <i>J4.92</i> rmation: Method 8270 Method 8260 hod 335.4 hod 200.7 LTMW-D05- <i>J530</i> es:	Temp (°C) 16.14 17.20 18.19 18.37 18.94 19.04 19.04 19.04 VOC's I Cyani Meta 0621 Du MS	pH <i>7.62</i> <i>7.93</i> <i>7.98</i> <i>8.00</i> <i>8.00</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.00</i> <i>8.01</i> <i>8.00</i> <i>8.00</i> <i>8.01</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8.00</i> <i>8</i>	ORP (mV) 31 13 21 26 32 34 34	Conductivity (mS/cm) - 338 - 319 - 310 - 307 - 303 - 303 - 303 - 303 - 503 - 5	Turbidity (NTU) 1.0 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	DO (mg/L) Or OD Or OD OD OD OD OD OD OD OD OD OD OD OD OD O	TDS (g/L) .2/6 .207 .207 .207 .129 .197 .197 .197 .197 .197 .197 .197 .19

	rsonnel:	Yeter.	Mon		Date: 6	19/21		A contract of the second s
Job Number:	0603200-13	34400-221			Weather:	70° R	arn	
Well Id.	LTMW-805				Time In:	Q 1410	Time Out	: 1450
Well In	formation							
			TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	7.90		Well Lock	ed:	Yes	No
Depth to Bott	tom:	(feet)	16.83		Measuring	Point Marked:	Yes	No
Depth to Proc	duct:	(feet)	-		Well Mate	erial: PVC		her: 🧹 🥏
Length of Vva	ater Column:	(feet)	6.73		Vveli Diam	neter: 1		her:
Three Well V	olumes:	(gal) (gal)	3.32		Comment	S:		
					and the second s	an tanan ka sari ya sa		
Purging I	nformation				en Kinnen (1999 anter av			
			<del></del>	<b>N</b> -78			Conversion F	actors
Purging Meth	nod:	Bailer	Peristalti	Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflon	Stainless S	t. Pol	yethylene	of		
Sampling Me	thod:	Bailer	Peristalti	c Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pum	nping Rate:	(ml/min)	200			1 gall	on=3.785L=3785n	nL=1337cu. feet
Duration of Pr	umping:	(min)	30					
Total Volume	Removed:	(gal)	<u> </u>	Did well go dry?	Yes No.	X		
Horiba U-52	Water Quality	Veter Used?	Yes	s No				
		Tomp			Conductivity	Tunkidika	L	TDO
Time	1 111/0/							
Time	(feet)	(°C)		(m\/)	(mS/cm)			
Time	(feet)	(°C)	6.62	(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
Time 1415 1420	(feet) (0.20	(°C) 21, 20 20,63	6,62	(mV) 38	(mS/cm)	(NTU)	(mg/L)	(g/L)
Time 1415 1420	(feet) (0, 20 (0, 25	(°C) 21, 20 20,69 19.70	6.67	(mV) 38 71	(mS/cm) - 529 - 484	(NTU) <u>/6, 1</u> <u>/5, 5</u> <u>/3, 9</u>	(mg/L) 2,31 ,39	(g/L) - 339 - 315
Time 1415 1420 2425	10.20 10.25 10.25	(°C) 21, 20 20.69 19.68 18.23	6,67 6.59 6.55 6.52	(mV) 38 7/ 1/6	(mS/cm) -529 -484 -505	(NTU) <u>/6</u> , 1 <u>/5, 5</u> <u>/3, 9</u> <u>/1, 1</u>	(mg/L) 2,31 -39 0,00	(g/L) - 339 - 315 - 323 - 344
Time 1415 1420 2425 1430 1430	DIW (feet) 10.25 10.25 10.30	(°C) 21, 20 20.69 19.68 18.72	6,67 6.59 6.55 6.52	(mV) 38 71 116 118	(mS/cm) -529 -484 -505 -535 -501	(NTU) <u>/6</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1. 1</u> <u>6, 2</u>	(mg/L) 2,31 -39 0,00 0,00	(g/L) -339 -315 -323 -344 -323
Time 1415 1420 NAS 1430 1435 1435	DIW (feet) 10.20 10.25 10.29 10.30 10.30	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91	6.67 6.59 6.55 6.52 6.52 6.48	(mV) 38 71 116 118 126	(mS/cm) -529 -484 -505 -535 -535 -581	(NTU) <u>16</u> , 1 <u>15</u> , 5 <u>13</u> , 9 <u>11</u> , 1 <u>6</u> , 7 <u>6</u> , 7	(mg/L) 2,3/ ,39 0,00 0,00 0,50	(g/L) .339 .315 .323 .344 .372 .392
Time 1415 1420 2420 1430 1435 1440 1440	DIW (feet) 10.20 10.25 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91	6,62 6.59 6.55 6.52 6.48 6.46	(mV) 38 71 116 126 126	(mS/cm) - 529 - 484 - 505 - 535 - 581 - 611 - 617	(NTU) /6, 1 /5, 5 /3, 9 11, 1 6, 7 6, 7 6, 3 5, 5	0,00 (mg/L) 2,3/ -39 0,00 0,00 0,00	(g/L) -339 -3/5 -3/5 -344 -344 -344 -372 -392
Time 1415 1425 1430 1435 1440 1445	DIW (feet) 10.25 10.25 10.30 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91 17.91 19.66	6,62 6.59 6.55 6.52 6.48 6.46 6.46	(mV) 38 71 116 118 126 126 126	(mS/cm) - 529 - 484 - 505 - 535 - 581 - 611 - 643	(NTU) /6, 1 /5, 5 /3, 9 11, 1 6, 7 6, 7 5, 5	0,00 0,00 0,00 0,00 0,00	(g/L) -339 -315 -323 -344 -344 -344 -344 -344 -344 -344 -344 -344 -344 -344
Time 1415 1425 1430 1435 1440 1445	DIW (feet) 10.25 10.25 10.30 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18,72 18.03 17.91 17.91 17.66	6,62 6.59 6.55 6.52 6.48 6.46 6.46	(mV) 38 71 116 118 126 126 126	(mS/cm) -529 -484 -505 -535 -535 -581 -643	(NTU) <u>16</u> , 1 <u>15, 5</u> <u>13, 7</u> <u>11, 1</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>5, 5</u>	0,00 (mg/L) 2,31 -39 0,00 0,00 0,00 0,00	(g/L) - 339 - 315 - 323 - 323 - 344 - 372 - 372 - 372 - 372
Time 1415 1425 1430 1435 1440 1445	DIW (feet) 10.25 10.25 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18,72 18.03 17.91 17.91 17.91	6,62 6.59 6.55 6.52 6.48 6.46 6.46	(mV) 38 71 116 126 126 126	(mS/cm) - 529 - 484 - 505 - 535 - 581 - 611 - 643	(NTU) <u>/6</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1. 1</u> <u>6. 7</u> <u>6. 7</u> <u>6. 7</u> <u>5. 5</u>	0,00 (mg/L) 2,31 -39 0,00 0,00 0,00 0,00	(g/L) - 339 - 315 - 323 - 323 - 344 - 372 - 372 - 372 - 372 - 372
Time 1415 1425 1430 1425 1440 1445 1445 Sampling Infe	DIVV (feet) 10.25 10.25 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91 17.91 17.91	6,62 6.59 6.55 6.52 6.48 6.46 6.46	(mV) 38 71 116 126 126 126	(mS/cm) -529 -484 -505 -535 -535 -581 -611 -643	(NTU) <u>/6</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1. 1</u> <u>6. 7</u> <u>6. 7</u> <u>6. 7</u> <u>5. 5</u>	00 (mg/L) 2,31 -39 0,00 0,00 0,00 0,00	(g/L) - 339 - 315 - 323 - 344 - 372 - 392 - 392 - 392
Time 1415 1420 2425 1430 1435 1440 1445 1445 Sampling Info	DIVV (feet) 10.20 10.25 10.30 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18,72 18,03 17,91 19,66	6,62 6.59 6.55 6.52 6.48 6.46 6.46	(mV) 38 7/ 1/6 1/8 126 126	(mS/cm) -529 -484 -505 -535 -581 -643	(NTU) <u>16</u> , 1 <u>15</u> , <u>5</u> <u>13</u> , 9 <u>11</u> , 1 <u>6</u> , <del>7</del> <u>6</u> , <del>7</del> <u>6</u> , <del>3</del> <u>5</u> , <u>5</u>	DO (mg/L) 2,31 -39 0,00 0,00 0,00 0,00	105 (g/L) -339 -315 -323 -344 -372 -392 -392 -41/
Time 1415 1425 1430 1435 1440 1445 Sampling Info EPA SW-84	DIVV (feet) 10.20 10.25 10.30 10.30 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18, 22 18, 03 17, 91 17, 91 19, 66	6,62 6.59 6,55 6,52 6,48 6,46 6,46 6,46	(mV) 38 71 116 126 126 126	(mS/cm) -529 -484 -505 -535 -581 -611 -643	(NTU) <u>/4</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1, 1</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>5, 5</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u> <u>7</u>	DO (mg/L) 2,3/ ,39 0,00 0,00 0,00 0,00 0,00	(g/L) -339 -315 -323 -344 -372 -372 -372 -372 -372 -372
Time 1415 1425 1430 1435 1435 1446 1445 Sampling Info EPA SW-84 EPA SW-84	DIW (feet) 10.25 10.25 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91 17.91 17.96 17.91	AH's	(mV) 38 71 116 126 126 126	(mS/cm) -529 -484 -505 -535 -581 -611 -643	2 - 100ml amb	UC (mg/L) 2,31 -39 0,00 0,00 0,00 0,00 0,00 0,00	IDS (g/L) - 339 - 315 - 323 - 344 - 372 - 392 - 392 - 11
Time 1415 1420 2420 2430 1435 1435 1445 1445 1445 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84	DIVV (feet) 10.20 10.25 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.40 10.40 10.40 10.40 10.40 10.40 10.40 10.40 10.45	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91 17.91 17.66 SVOC P VOC's B	AH's	(mV) 38 7/ 1/6 1/8 126 126	(mS/cm) -529 -484 -505 -535 -581 -643	(NTU) <u>/6</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1, 7</u> <u>/1, 7</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>5, 5</u> <u>5, 5</u> <u>5, 5</u> <u>5, 5</u> <u>7, 5</u> <u>7, 7</u> <u>11, 1</u> <u>6, 7</u> <u>6, 7</u> <u>7, 5</u> <u>7, 7</u> <u>7, 7, 7</u> <u>7, 7</u> <u>7, 7</u> <u>7, 7</u> <u>7, 7</u> <u>7, 7</u> <u>7, 7</u> <u>7, 7,</u>	DO     (mg/L)     2,31     .39     0,00	No No No
Time 1415 1420 2420 2420 2430 1435 1435 1446 1445 1445 Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me	DIVV (feet) 10.20 10.25 10.300	(°C) 21, 20 20.69 19.68 18.72 18.03 17.91 19.66 SVOC P VOC's B Cyanic Metal	AH's 6.67 6.57 6.57 6.57 6.57 6.57 6.72 6.48 6.46 6.46 6.46 6.45 6.46 5.46	(mV) 38 7/ 1/6 1/8 126 126	(mS/cm) -529 -484 -505 -535 -581 -643	(NTU) <u>16</u> , 1 <u>15</u> , <u>5</u> <u>13</u> , <u>7</u> <u>11</u> , <u>1</u> <u>6</u> , <u>7</u> <u>6</u> , <u>7</u> <u>7</u> , <u>5</u> , <u>5</u> <u>5</u> , <u>5</u> <u>5</u> <u>5</u> , <u>5</u> <u>5</u> , <u>5</u> <u>5</u> <u>5</u> , <u>5</u> <u>5</u> , <u>5</u> <u>5</u> <u>5</u> , <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u>	ers Yes stic Yes	No No No No No
Time 1415 1425 1425 1425 1425 1440 1445 1445 Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me	DIVV (feet) 10.25 10.25 10.30 10.000	(°C) 21, 30 20.69 19.68 18.22 18.03 17.91 19.66 SVOC P VOC's B Cyanic Metal	AH's STEX	(mV) 38 7/ 1/6 1/26 1/26 1/26	(mS/cm) -529 -484 -505 -535 -581 -643	(NTU) <u>/4</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1, 1</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>5, 5</u> <u>5, 5</u> <u>2 - 100ml amb</u> <u>3 - 40 ml vial</u> <u>1 - 250 ml plas</u> <u>1 - 250 ml plas</u>	ers Yes stic Yes	No No No No No
Time 1415 1425 1425 1430 1425 1445 1445 1445 Sampling Infe EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me	DIVV (feet) 10.20 10.25 10.30	(°C) 21, 30 20.69 <u>17,68</u> <u>18,72</u> <u>18,03</u> <u>17,91</u> <u>17,91</u> <u>17,91</u> <u>17,91</u> <u>17,91</u> <u>17,91</u> <u>17,06</u> SVOC P VOC's B Cyanic Metal <b>0621</b> Dup	AH's 6,62 6,57	(mV) 38 7/ 1/6 126 126 126 126 126	(mS/cm) -529 -484 -505 -535 -581 -643 	(NTU) /6, 1 /5, 5 /3, 7 /1, 7 6, 7 6, 7 6, 7 6, 7 6, 7 5, 5 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	ers Yes stic Yes ace Courier Picku	IDS (g/L) -339 -315 -323 -344 -372 -392 -392 -392 -392 -392 -392 -392 -39
Time	DIVV (feet) 10.20 10.25 10.30	(°C) 21, 20 20, 69 <u>17, 68</u> <u>18, 22</u> <u>18, 03</u> <u>17, 91</u> <u>17, 91</u> <u>12, 66</u> SVOC P VOC's B Cyanic Metal <b>0621</b> Dup	AH's Contor	(mV) 38 7/ 1/6 126 126 126 126 126 126 126 12	(mS/cm) -529 -484 -505 -535 -581 -643 	(NTU) <u>/4</u> , 1 <u>/5, 5</u> <u>/3, 7</u> <u>/1, 1</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>6, 7</u> <u>5, 5</u> <u>7, 7</u> <u>11, 1</u> <u>6, 7</u> <u>6, 7</u> <u>7, 5</u> <u>7, 7</u> <u>7, 7</u> <u>7</u>	ers Yes stic Yes Ace Courier Picku f Albany Service Pace Ana	IDS       (g/L)       -339       -315       -3215       -323       -344       -372

	rsonnel:	Peter Ly	n		Date:	6/9/21		
Job Number:	0603200-1	34400-221			Weather:	70° Clo	udy	
Well Id.	LTMW-D06				Time In:	1225	Time Out	: 1305
Well in	formation							
			тос	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	12.44		Well Lock	ed:	Yes	No
Depth to Both	tom:	(feet)	52.22		Measuring	Point Marked:	Yes	No
Depth to Prov	duct:	(feet)	- 2009		Well Mate	rial: PVC		her:
Length of Wa	ater Column:	(feet)	39.78		Well Diam	ieter: 1"	2" X Ot	her:
Volume of W	ater in Well:	(gal)	6.36		Comments	S:		
Three Well V	olumes:	(gal)	19.09					
Purging	Information							
T digitig t	mormation	-					Conversion F	Factors
Purging Meth	nod:	Baile	Peristalti	c Grund	fos Pump	cal/ft	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	Material:	Teflor	Stainless S	t. Pol	yethylene	of		
Sampling Me	thod:	Bailer	Peristalti	c Grund	fos Pump	water	0.04 0.16	0.66 1.47
Average Pur	ping Rate:	(ml/min)	200		1 Internet	1 gallo	on=3.785L=3785n	nL=1337cu. feet
Duration of P	umping:	(min)	30					
Total Volume	Removed:	(gal)	/ [	id well go dry?	Yes No	X		
Horiba U-52	Water Quality	Meter Used?	Yes					
Time	DEM	Tomp			Conductivity	Tu se i ditu	DO	ТОС
Time	(feet)	(°C)	pn		(mS/cm)			
1230	1792	16.92	711		(110/011)	0.9		349
1235	1203	1250	7.79	98	477	09	0. 0. T	228
12.40	13.07	12 24	2.62	26	- 385	0.2	12. 100	1751
10410	13.02	18.00	7.75	74	0.394	0.1	0.00	:256
1245	1 1	17.94	7.77	67	398	0.0	0.00	210
1245	13.14					0,0	D.00	1000
1245 1250 1255	13.14	12.85	7.76	58	0414	0.0	0.00	269
1245 1250 1255 1300	13.14 13.19 13.19	17.85	7.76 7.76	58 49	~414 ~427	0,0 0,1 0,1	0.00	·269 ·269 ·278
1245 1250 1255 1300	13.14 13.19 13.19	17.85 17.88	7.76 7.76	58 49	-414 -427	0,0 0,1 0,1	0.00 0.00 0.00	·269 ·269 ·278
1245 1250 1255 1300	13.14 13.19 13.19	12.85	7.76 7.76	58 ¥9	-414 -427	0,1	0.00	, 269 , 278
1245 1250 1255 1300	13.14 13.19 13.19	17.85	7.76 7.76	58 49		0,1	0.00	·269 ·278
1245 1250 1255 1300 Sampling Infe	13.14 13.19 13.19	12.85	7.76 7.76	58 49	-414 -427	0,1	0.00	·269 ·278
1245 1250 1255 1300 Sampling Infe	13.14 13.19 13.19 ormation:	17.85 17.85	7.76 7.76	58 ¥9		2 - 100ml ambs		269 ,269 ,278
1245 1250 1255 1300 Sampling Info EPA SW-84 EPA SW-84	13.14 13.19 13.19 ormation:	12.85 12.85 12.88	7.76 7.76 AH's	58 49		2 - 100ml ambe 3 - 40 ml viels		×60 ·269 ·278 ·278
1245 1250 1255 1300 Sampling Info EPA SW-84 EPA SW-84 EPA SW-84	13.14 13.19 13.19 0 rmation: 16 Method 8270 16 Method 8260 2thod 335.4	SVOC P VOC'S E	7.76 7.76 7.76 AH's TEX	58 49		2 - 100ml ambe 3 - 40 ml vials	ers Yes s Yes	No No No
1245 1250 1255 1300 Sampling Infe EPA SW-84 EPA SW-84 EPA SW-84 EPA Me EPA Me	13.14 13.19 13.19 13.19 0rmation: 6 Method 8270 16 Method 8260 9thod 335.4 9thod 200 7	SVOC P VOC'S E Cyanic	7.76 7.76 7.76 AH's ITEX	58 49		2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas	ers Yes s Yes tic Yes	No No No No
Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me	13.14 13.19 13.19 13.19 0rmation: 6 Method 8270 46 Method 8260 2thod 335.4 2thod 200.7	SVOC P VOC's E Cyanic Metal	7.76 7.76 7.76 AH's ITEX Je S	58 49		2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas	ers Yes s Yes tic Yes	No No No No No
1245 1250 1255 1300 Sampling Info EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me EPA Me	13.14 13.19 13.19 13.19 0 ormation: 16 Method 8270 16 Method 8260 200.7 LTMW-D06- 13.00	12.85           12.85 </td <td>7.76 7.76 7.76 AH's TEX Je s blicate? (MSD?</td> <td>Yes No X Yes No X</td> <td>5414 - 427</td> <td>2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-off</td> <td>ers Yes s Yes tic Yes ce Courier Picku Albany Service</td> <td>No No No No No Center</td>	7.76 7.76 7.76 AH's TEX Je s blicate? (MSD?	Yes No X Yes No X	5414 - 427	2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-off	ers Yes s Yes tic Yes ce Courier Picku Albany Service	No No No No No Center
J J 45 JJ 50 JJ 55 JJ 00 Sampling Inf EPA SW-84 EPA SW-84 EPA Me EPA Me EPA Me Sample ID: Sample Time:	13.14 13.19 13.19 13.19 13.19 16 Method 8270 16 Method 8270 16 Method 8260 16 Method 8260 16 Method 335.4 16 Method 200.7 LTMW-D06- 13.00 Ites:	12.85           12.85 </td <td>7.76 7.76 7.76 AH's ITEX Ie s Dicate?</td> <td>Yes No X</td> <td>54/14 - 4/27 Shi</td> <td>2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-off</td> <td>ers Yes s Yes tic Yes tic Yes ce Courier Picku Albany Service Pace Ana</td> <td>No No No No No Center</td>	7.76 7.76 7.76 AH's ITEX Ie s Dicate?	Yes No X	54/14 - 4/27 Shi	2 - 100ml ambe 3 - 40 ml vials 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-off	ers Yes s Yes tic Yes tic Yes ce Courier Picku Albany Service Pace Ana	No No No No No Center

National Grid Kingsley Avenue, Rome, New York

Samping	isonnei.	1	in you	and the second	Date:	6/9/21		
Job Number	0603200-1	34400-221			Weather:	75° Sun	24	
Well Id.	LTMW-S06	-			Time In:	1305	L Time Out	: 1345
Well In	formation						-	
			TOC	Other	Well Type	e: Flu	shmount	Stick-Up
Depth to Wa	ter:	(feet)	13,22		Well Lock	ed:	Yes	No
Depth to Bot	tom:	(feet)	17.60		Measuring	Point Marked:	_Yes	No
Depth to Pro	duct:	(feet)	-		Well Mate	erial: PVC	SS_Ot	:her:
Length of Wa	ater Column:	(feet)	4.38		Well Dian	neter: 1'	' <b></b> 2" X Ot	her:
Volume of W	ater in Well:	(gal)	:70		Comment	S:		
Three Well V	olumes:	(gal)	2.10					
Purging I Purging Meth Tubing/Bailer Sampling Me	nformation nod: Material: thod:	Baile Teflor Baile	r Peristalti n Stainless Si r Peristalti	c Grund	fos Pump yethylene	gal/ft. of water	Conversion I 1" ID 2" ID 0.04 0.16	Factors 4" ID 6" ID 0.66 1.47
Average Pur	nping Rate:	(ml/min)	200		-	1 gall	on=3.785L=3785r	mL=1337cu. feet
Duration of P	umping:	(min)	30					
Total Volume	Removed:	(gal)	C	oid well go dry?	Yes No	K		
Horiba U-52	Water Quality	Meter Used?	Yes				and the second	
Horiba U-52 Time	DTW	Temp	pH	ORP (mV)	Conductivity	Turbidity (NTU)	DO (mg/L)	TDS
Horiba U-52 Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L) රූ රට	TDS (g/L)
Horiba U-52 Time /31 &	DTW (feet) 13.39	Meter Used? Temp (°C) 13.31	pH	ORP (mV)	Conductivity (mS/cm) - 796	Turbidity (NTU) 120 47,1	DO (mg/L) ©, 00 Ø, 30	TDS (g/L) ~6574
Horiba U-52	DTW (feet) 13.39 13.39 13.39	Meter Used? Temp (°C) 15.31 14.21 14.34	pH 	ORP (mV) 8	Conductivity (mS/cm) - 996 1.08	Turbidity (NTU) 120 47,1 19,1	DO (mg/L) ©, 00 Ø, 00	TDS (g/L) -657 -687 -688
Horiba U-52 V Time /313 /315 /320 /325	Vater Quality DTW (feet) 13.39 13.39 13.38 13.38	Meter Used? Temp (°C) 13.31 14.21 14.14 14.29	pH 6.65 6.47 6.47 6.48	ORP (mV)	Conductivity (mS/cm) , 796 1, 08 1,08 1,08	Turbidity (NTU) 120 47.1 19.1 8.1	DO (mg/L) ©: 00 0: 00 0: 00 0: 00	TDS (g/L) -654 -689 -689
Horiba U-52 Time /313 /315 /320 /325 /326	DTW           (feet)           13.39           13.39           13.38           13.38           13.38           13.38           13.38	Temp           (°C)           15.31           14.21           14.29           14.29           14.33	pH 	ORP (mV) 8 3 2 4 3	Conductivity (mS/cm) - 996 1.08 1.08 1.08 1.07	Turbidity (NTU) 120 4/2,1 19,1 8,1 5,3	DO (mg/L) G, OU O, OU O, OO O, OO O, OO	TDS (g/L) ~65 <sup>-74</sup> ~687 ~688 ~688
Horiba U-52 Time /313 /315 /320 /325 /325 /335	Vater Quality DTW (feet) 13.37 13.37 13.38 13.38 13.38 13.38 13.38	Meter Used? Temp (°C) 15.31 19.21 19.21 19.41 14.29 14.29 14.43 14.49	pH 6:65 6:47 6:47 6:47 6:49 6:49 6:50	ORP (mV) 8 3 2 4 5	Conductivity (mS/cm) + 996 1.08 1.08 1.08 1.07 1.07	Turbidity (NTU) 120 47.1 19.1 8.1 5.3 3.6	DO (mg/L) G: 00 O: 00 O: 00 O: 00 O: 00 O: 00	TDS (g/L) -654 -687 -688 -688 -688 -685 -685
Horiba U-52 Time /313 /315 /320 /325 /326 /336 /335 /340	Vater Quality DTW (feet) 13.39 13.39 13.38 13.38 13.38 13.38 13.38	Temp         (°C)         15.31         14.21         14.29         14.29         14.49         14.85	pH 6:65 6:47 6:47 6:47 6:48 6:49 6:50 6:50	ORP (mV) 8 3 2 4 3 5 5 6	Conductivity (mS/cm) . 996 1.08 1.08 1.08 1.07 1.07 1.07	Turbidity (NTU) 120 47.1 19.1 8.1 5.3 3.6 4.3	DO (mg/L) G. 00 O. 00 O. 00 O. 00 O. 00 O. 00 O. 00	TDS (g/L) ~65 <sup>-4</sup> ~687 ~688 ~688 ~688 ~688 ~685 ~685 ~685
Horiba U-52 V Time /318 /315 /320 /325 /326 /336 /335 /340	Vater Quality DTW (feet) 13.37 13.37 13.38 13.38 13.38 13.38 13.38 13.38 13.38	Meter Used? Temp (°C) 15.31 14.21 14.14 14.29 14.49 14.49 14.85	pH 6:65 6:47 6:47 6:47 6:47 6:49 6:50 6:50	ORP (mV) 8 3 2 4 3 5 6	Conductivity (mS/cm) - 796 1.08 1.08 1.08 1.07 1.07 1.07	Turbidity (NTU) 120 47.1 19.1 8.1 5.3 3.6 4.3	DO (mg/L) G: DU O: DO O: DO O: DO O: DO O: DO O: DO	TDS (g/L) -654 -687 -687 -687 -687 -684 -684 -684
Horiba U-52 V Time /313 /315 /320 /325 /326 /335 /336 /335 /340	DTW         (feet)         13.39         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38         13.38	Meter Used? Temp (°C) 15.31 14.21 14.21 14.29 14.29 14.29 14.29 14.85	pH - - - - - - - - - - - - -	ORP (mV) 8 3 2 4 3 5 6	Conductivity (mS/cm) - 996 1.08 1.08 1.08 1.07 1.07 1.07	Turbidity (NTU) 120 47.1 19.1 8.1 5.3 3.6 4.3	DO (mg/L) G. 00 O. 00 O. 00 O. 00 O. 00 O. 00 O. 00	TDS (g/L) -65 <sup>-74</sup> -687 -688 -689 -685 -685 -685 -685 -685 -685 -679
Horiba U-52 V Time /313 /320 /325 /320 /325 /320 /320 /320 /320 /320 /320 /320 /320	DTW           (feet)           13.39           13.39           13.38           13.48           13.58           13.58 <td>Meter Used? Temp (°C) 15.31 19.21 14.29 14.29 14.29 14.29 14.29 14.35 SVOC F VOC's E Cyani Meta</td> <td>PAH's BTEX de</td> <td>ORP (mV) 8 3 2 4 3 5 6</td> <td>Conductivity (mS/cm) - 996 1.08 1.08 1.07 1.07 1.07</td> <td>Turbidity (NTU) 120 47.1 8.1 5.3 3.6 47.3 2 - 100ml ambound<math>3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas</math></td> <td>DO (mg/L) G. OO O. OO S. OO</td> <td>TDS (g/L) -657 -687 -687 -687 -687 -685 -685 -685 -685 -685 -685 -685 -685</td>	Meter Used? Temp (°C) 15.31 19.21 14.29 14.29 14.29 14.29 14.29 14.35 SVOC F VOC's E Cyani Meta	PAH's BTEX de	ORP (mV) 8 3 2 4 3 5 6	Conductivity (mS/cm) - 996 1.08 1.08 1.07 1.07 1.07	Turbidity (NTU) 120 47.1 8.1 5.3 3.6 47.3 2 - 100ml ambound $3 - 40 ml vial1 - 250 ml plas1 - 250 ml plas$	DO (mg/L) G. OO O. OO S. OO	TDS (g/L) -657 -687 -687 -687 -687 -685 -685 -685 -685 -685 -685 -685 -685
Horiba U-52 V Time /313 /320 /325 /326 /326 /326 /326 /326 /326 /326 /326	Vater Quality DTW (feet) 13.39 13.39 13.38	Meter Used? Temp (°C) 15.31 14.21 14.29 14.29 14.29 14.29 14.85 SVOC F VOC's F Cyani Meta -0621 Du MS	PAH's BTEX de lis plicate? ph b b b b b b b b b b b b b b b b b b	Ves No Yes No No	Conductivity (mS/cm) - 796 1.08 1.08 1.07 1.07 1.07 1.07	Turbidity (NTU) 120 47.1 5.3 3.6 2.1 5.3 3.6 24.3 2.100ml amb 3.40 ml vial 1.250 ml plas 1.250 ml plas 1.250 ml plas	DO (mg/L) G. 00 O.	TDS (g/L) -657 -687 -687 -687 -687 -687 -679 -679 -679 -679 -679 -00 -00 -00 -00 -00 -00 -00 -00 -00 -0

Sampling Pe	rsonnel:	Peter Lyon	<u>\</u>		Date: 🕻	9/21		
Job Number:	0603200-13	34400-221			Weather:	70 Clone	dy	
Well Id.	LTMW-S07			47 1	Time In:	1100	Time Out	: 1140
					and the second se	<i>n</i>		11.12
🐃 Well In	formation							
		-	TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Wat	ter:	(feet)	10.88		Well Lock	ed:	Yes	No
Depth to Bott	tom:	(feet)	17.82		Measuring	Point Marked:	Yes	No
Depth to Proc	duct:	(feet)	-		Well Mate	rial: PVC		her:
Length of Wa	ater Column:	(feet)	6.94		Well Diam	eter: 1'	2"XOt	her:
Volume of W	ater in Well:	(gal)	1.11		Comment	S:		
Three Well V	olumes:	(gal)	3.35					
							- 14 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
Duration	- f		ý.	C. Marca				
Purging I	nformation	-					Conversion	Tactors
Durging Moth	od:	Poilo	- Deristel					
Tubing/Bailer	Material:	Balle	Peristar			gal/ft.		4 10 0 10
Sampling Me	thod:	Bailo	Porietal		fos Pump	water	0.04 0.16	0.66 1.47
Average Pur	ning Rate	(ml/min)		Giuna		1 nell	on=3.785L=3785r	nL=1337cu feet
Duration of P	umping	(min)	30			- gui		
Total Volume	Removed:	(gal)	1	Did well ao dry?	Yes No	$\checkmark$		
	Mater Quality	Motor Llood?						
Fioriba U-52 V	vater Quality i	vieter Used?	TE					
and the second se	and all an an an an an an an							
R)						<b>—</b> 1.1.114	<b>D</b> 0	TDO
Time	DTW	Temp	рН	ORP	Conductivity	Turbidity	DO	TDS
Time	DTW (feet)	Temp (°C)	pH	ORP (mV)	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)
Time	DTW (feet) 11.69	Temp (°C) 18.13	рН 6.83	ORP (mV) 	Conductivity (mS/cm)	Turbidity (NTU) 10.5	DO (mg/L) 6.92	TDS (g/L) - 375 - 381
Time	DTW (feet) 11.69 11.79	Temp (°C) 18.13 12.43	pH 6.83 6.81	ORP (mV) 	Conductivity (mS/cm) 5787 573	Turbidity (NTU) 10.5 8.0	DO (mg/L) 6.92 5.80 5.03	TDS (g/L) - 375 - 381 - 401
Time 11.05 11.10 11.15 11.20	DTW (feet) 11.69 11.79 11.89 11.89 11.99	Temp (°C) 18,13 12,43 15,08 14,99	pH 6.83 6.81 6.78 6.76	ORP (mV) 	Conductivity (mS/cm) .5787 .573 .626 .626	Turbidity (NTU) 10.5 8.0 10.0 8.8	DO (mg/L) 6.92 5.80 5.03 3.95	TDS (g/L) •375 •381 #07 •408
Time 11.05 111.0 111.5 112.0 112.5	DTW (feet) 11.69 11.79 11.89 11.89 11.99	Temp (°C) 18,13 12,43 15,08 14,99 14,92	рН 6.83 6.81 6.78 6.76 6.76	ORP (mV) 4/3 5/6 6/8 7/6 80	Conductivity (mS/cm) .587 .593 .626 .626 .635	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36	TDS (g/L) - 375 - 381 - 407 - 408 - 408
Time 11.05 11.10 11.15 11.20 11.20 11.25 11.30	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13	Temp (°C) 18,13 17,43 15,08 14,99 14,99 14,92 15,52	pH 6.83 6.78 6.76 6.76 6.76 6.72	ORP (mV) 4/3 5/6 6/8 7/6 7/6 80 84	Conductivity (mS/cm) .5787 .626 .626 .635 .638 .636	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 8.4 10.0	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56	TDS (g/L) • 375 • 381 • 407 • 408 • 408 • 408
Time 11.05 11.05 11.15 11.20 11.25 11.30 11.35	DTW (feet) 11.69 11.79 11.89 11.99 12.03 12.13 12.22	Temp (°C) 18.13 17.43 15.08 14.99 14.99 14.92 15.52 14.88	pH 6.83 6.81 6.78 6.76 6.76 6.76 6.72 6.77	ORP (mV) 4/3 5/6 6/8 7/6 80 80 84 84 84	Conductivity (mS/cm) .5787 .626 .626 .635 .638 .636 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 9.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.4/	TDS (g/L) • 375 • 381 • 401 • 408 • 408 • 409 • 409 • 409
Time 11.05 11.05 11.15 11.20 11.25 11.30 11.35	DTW (feet) 11.69 11.79 11.89 11.99 12.03 12.13 12.22	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,97 15,52 14,88	pH 6.83 6.81 6.78 6.76 6.76 6.74 6.77 6.77	ORP (mV) 	Conductivity (mS/cm) • 5 8 7 • 5 7 3 • 6 2 6 • 6 3 5 • 6 3 6 • 6 3 6 • 6 5 8	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.4/	TDS (g/L) -373 -381 -407 -408 -408 -408 -408 -409 -409 -409 -409 -409
Time 11.05 11.10 11.15 11.20 11.25 11.30 11.35	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13 12.22	Temp (°C) 18.13 17.43 15.08 14.99 14.99 14.92 15.52 14.88	pH 6.83 6.81 6.78 6.76 6.76 6.76 6.72 6.77	ORP (mV) 4/3 5/6 6/8 7/6 80 84 84	Conductivity (mS/cm) .5787 .626 .626 .635 .636 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.41	TDS (g/L) • 375 • 381 • 401 • 408 • 408 • 408 • 409 • 409 • 409
Time 11.05 11.10 11.15 11.20 11.25 11.30 11.35	DTW (feet) 11.69 11.79 11.89 11.99 12.03 12.13 12.22	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,92 15,52 14,88	pH 6.83 6.81 6.78 6.76 6.76 6.74 6.77	ORP (mV) 	Conductivity (mS/cm) 5787 573 626 -635 635 -636 -636 -658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.4/	TDS (g/L) - 375 - 381 - 407 - 408 - 408 - 408 - 409 - 409 - 7421
Time 11.05 111.0 111.5 112.0 112.5 113.0 113.5	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13 12.22	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,92 15,52 14,88	pH 6.83 6.78 6.76 6.76 6.72 6.72 6.77	ORP (mV) 	Conductivity (mS/cm) .5787 .626 .626 .635 .636 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 30.0 4,3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.41	TDS (g/L) - 375 - 381 - 407 - 408 - 408 - 408 - 409 - 409 - 409
Time 11.05 11.10 11.15 11.20 11.25 11.30 11.35	DTW (feet) 11.69 11.79 11.89 11.99 12.03 12.13 12.22	Temp (°C) 18,13 12,43 15,08 14,99 14,97 15,52 14,88	рН 6.83 6.81 6.78 6.76 6.76 6.72 6.72	ORP (mV) 4/3 5/6 6/8 7/6 7/6 8/4 8/4 8/4	Conductivity (mS/cm) 5787 573 626 •635 •636 •636 •636 •636	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 9.8	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.4/	TDS (g/L) - 375 - 381 - 407 - 408 - 408 - 409 - 409 - 7421
Time 	DTW (feet) 11.69 11.79 11.99 12.03 12.13 12.22 ormation:	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,99 14,88	pH 6.83 6.81 6.76 6.76 6.76 6.72 6.77	ORP (mV) 4/3 5-6 6-8 7-6 7-6 77 76 7	Conductivity (mS/cm) • 5 8 7 - 5 9 3 - 6 2 6 - 6 3 5 - 6 3 6 - 6 3 6 - 6 5 8	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.4/	TDS (g/L) • 373 • 381 • 407 • 408 • 408 • 408 • 409 • 409
Time 11.05 11.10 11.15 11.20 11.25 11.30 11.35 11.35 Sampling Infe	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13 12.22	Temp (°C) 18.13 12.43 15.08 14.99 14.99 14.92 15.52 14.88	рН 6.83 6.78 6.76 6.76 6.76 6.72 6.77	ORP (mV) 43 56 68 76 80 84 84	Conductivity (mS/cm) .5787 .626 .626 .635 .636 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3	DO (mg/L) 6.92 5.80 5.0 <b>3</b> 3.95 3.36 2.56 8.41	TDS (g/L) • 375 • 381 • 407 • 408 • 408 • 409 • 409 • 409 • 409
Time 	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13 12.22 ) ormation:	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,97 15,52 14,88	рН 6.83 6.81 6.78 6.76 6.74 6.77	ORP (mV) 1/3 5-6 6-8 7-6 80 84 84 84	Conductivity (mS/cm) 5787 573 626 -635 636 -636 -658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.24 10.0 24.3	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.4/	TDS (g/L) -373 -381 -408 -408 -408 -408 -409 -409 -409 -409 -409 -409
Time 	DTW (feet) 11.69 11.79 11.79 12.03 12.03 12.13 12.22 ormation: 6 Method 8270 16 Method 8270	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,99 14,88	рН 6.83 6.78 6.76 6.76 6.72 6.72 6.77	ORP (mV) 	Conductivity (mS/cm) .577 .626 .635 .636 .638 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 24.3 2 - 100ml amb 3 - 40 ml vial	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 9.4/	TDS (g/L) -373 -381 -408 -408 -408 -409 -409 -409 -409 -409 -409 -409 -409
Time 11.05 11.15 11.20 11.25 11.30 11.35 11.35 11.35 11.35 EPA SW-84 EPA SW-84 EPA SW-84 EPA SW-84	DTW (feet) 11.69 11.79 11.89 11.99 12.05 12.13 12.22 ormation: 6 Method 8270 46 Method 8260 ethod 335.4	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,99 15,52 14,88 7 5,52 14,88	pH 6.83 6.76 6.76 6.76 6.76 6.72 6.77 6.77 6.77	ORP (mV) 43 56 80 80 84 87	Conductivity (mS/cm) .5773 .626 .635 .636 .636 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 3.4 1,3 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.4/	TDS (g/L) - 373 - 381 - 408 - 408 - 408 - 408 - 409 - 742)
Time 11.05 11.15 11.20 11.25 11.30 11.35 11.30 11.35 11.	DTW (feet) 11.69 11.79 11.89 11.99 12.03 12.03 12.22 12.22 12.22 12.22 12.6 12.6 12.13 12.22 12.22 12.6 13 12.22 12.6 13 12.22 12.6 13 12.22 12.6 13 12.22 12.6 13 12.22 12.6 13 12.7 13 12.6 12.6 12.6 12.6 12.6 12.6 12.6 12.6	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,92 15,52 14,88 14,88	pH 6.83 6.81 6.78 6.76 6.76 6.74 6.77 6.77	ORP (mV) 1/3 5-6 6-8 7-6 80 84 84 84	Conductivity (mS/cm) 5787 573 626 -635 638 -636 -658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 $10 \times 0$ 24.3 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.4/	TDS (g/L) -375 -381 -408 -408 -408 -408 -409 -409 -409 -409 -409 -409 -409 -409
Time 11.05 11.0 11.5 11.20 11.30 11.35 11.35 11.35 Sampling Infe EPA SW-84 EPA SW-84 EP	DTW (feet) 11.69 11.79 11.79 12.03 1	Temp (°C) 18,13 12,43 15,08 14,97 14,97 14,97 14,97 14,97 14,88 14,88	pH 6.83 6.76 6.76 6.76 6.72 6.72 6.77 6.77 6.77	ORP (mV) 	Conductivity (mS/cm) .5773 .626 .635 .636 .638 .658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 2.0 2/3 3.40 ml vial 1-250 ml plas 1-250 ml plas	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 9.4/	TDS (g/L) -373 -381 -408 -408 -408 -409 -409 -409 -409 -409 -409 -409 -409
Time 11.05 11.15 11.20 11.25 11.30 11.35 11.30 11.35 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.35 11.30 11.35 11.30 11.35 11.30 11.35 11.35 11.30 11.35 11.35 11.30 11.35 11.35 11.30 11.35 11.	DTW (feet) 11.69 11.79 11.99 11.99 12.03 1	Temp (°C) ( <i>E</i> , 13 12, 43 15, 08 14, 99 14, 97 25, 35 14, 88 0621 Du	pH 6.83 6.81 6.76 6.76 6.76 6.76 6.72 6.77 6.77 6.77	ORP (mV) 	Conductivity (mS/cm) 5787 573 626 • 635 • 636 • 636 • 658	Turbidity (NTU) 10.5 8.0 10.0 8.8 8.4 10.0 2.100ml amb 3-40 ml vial 1-250 ml plas 1-250 ml plas 1-250 ml plas	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.4/ ers Yes stic Yes stic Yes	TDS (g/L) - 375 - 381 - 407 - 408 - 408 - 409 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 - 400 -
Time	DTW (feet) 11.69 11.79 1.89 1.99 12.05 12.13 12.22 0000 12.13 12.22 0000 12.13 12.22 0000 12.13 12.22 0000 12.13 12.22 12.13 12.23 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 12.23 12.13 1	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,97 15,52 14,88 7 SVOC F VOC's E Cyani Meta 0621 Du	pH 6.83 6.81 6.76 6.76 6.76 6.72 6.77 6.77	ORP (mV) 	Conductivity (mS/cm) .573 .626 .635 .636 .658	Turbidity (NTU) /0.5 8.0 /0.0 8.8 8.2 j 0.0 2/,3 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 8.4/ ers Yes stic Yes stic Yes ace Courier Pick of Albany Service	TDS (g/L) -373 -381 -408 -408 -408 -408 -409 -409 -409 -409 -409 -409 -409 -409
Time	DTW (feet) 11.69 11.79 11.79 12.05 12.13 12.22 0rmation: 6 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 LTMW-S07- 1/.35	Temp (°C) 18,13 12,43 15,08 14,99 14,99 14,99 14,99 14,88 5VOC F VOC's E Cyani Meta 0621 Du MS	pH 6.83 6.76 6.76 6.76 6.72 6.72 6.72 6.72 6.77 6.77	ORP (mV) 	Conductivity (mS/cm) .5773 .626 .635 .636 .658	Turbidity (NTU) / 0.5 8.0 10.0 8.8 8.4 j 0 > 0 2/, 3 2 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of Laboratory:	DO (mg/L) 6.92 5.80 5.03 3.95 3.36 2.56 9.4/ 9.4/ ers Yes stic Yes stic Yes ace Courier Pick f Albany Service Pace Ana	TDS (g/L) -373 -381 -408 -408 -408 -409 -409 -409 -409 -409 -409 -409 -409

Sampling Pe	ersonnel:	Peter	2751		Date:	6/9/21		
Job Number	: 0603200-1	34400-221			Weathe	r: 20 Ctou	dq	
Well Id.	LTMW-S08	ş			Time In:	1145	Time Out	: 1225
	V)	400					Ann	Indi
Well In	formation				· · · · · · · · · · · · · · · · · · ·			
			тос	Other	Well Typ	e: Flu	shmount	Stick-Up
Depth to Wa	ter:	(feet)	15.59		Well Loo	ked:	Yes	No
Depth to Bot	tom:	(feet)	17.39		Measurin	g Point Marked:	Yes	No
Depth to Pro	duct:	(feet)	-		Well Ma	terial: PVC	SS_Ot	her:
Length of Wa	ater Column:	(feet)	1.8		Well Dia	meter: 1"	2" 🛛 2" 🗡 Ot	her:
Volume of W	ater in Well:	(gal)	128		Comme	nts:		
Three Well V	/olumes:	(gal)	.86					
			an a					
Purging	Information	-				[	0	- 1
Dunning Math								-actors
Purging Wetr	100: Motorial:	Baile	Peristaltio	Grund	tos Pump	gal/ft.		4 10 6 10
Sampling Ma	thod:		Stainless St			OT	0.04 0.16	0.66 1.47
Sampling We	ernoa:	Balle		Grund	tos Pump	water	0.04 0.16	0.00 1.47
Average Pur	iping Rate.	(mi/min)	200			1 gain	on=3.785L=3785r	nL=1337cu. teet
Duration of P	umping:	(min)	30	للما بيما مم مامير				
Total Volume	Removed.	(gai)]	L		res			
Horiba U-52	Water Quality	Meter Used?	Yes	No	and the same	Porton		-
						1999 144		1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
Time	DTW	Temp	pH	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
1150	15.72	16.28	6.70	-49	. 295	9.6	8.51	,508
1155	15.73	16.56	6.68	40	.792	1.4	7.07	,506
1200	15.74	16.32	6.69	49	1777	0.9	6.47	. 498
1205	15.74	15.67	6.69	9d	.790	1.5	6.27	.304
1210	15.49	10,72	6.07	118	0 +86	O.F	5,74	.30x
1276	15.45	11.22	6.67	168	+10 7/1	0.4	S.It	200
1620	13,43	16.51	6.70	100	1786	1.9	4.73	. 911
		1						
		Property Street						
Sampling Inf	formation:							
EPA SW-84	46 Method 8270	SVOC F	PAH's			2 - 100ml ambe	ers Yes	No
EPA SW-84	46 Method 8260	VOC's E	BTEX			3 - 40 ml vials	s Yes	No
EPA M	ethod 335.4	Cvani	de			1 - 250 ml plas	tic Yes	No
EPA M	ethod 200.7	Meta	ls			1 - 250 ml plas	tic Yes	X No
Sample ID:	LTMW-S08-	0621 Du	plicate?	Yes No 🗙	S	hipped: Pa	ce Courier Pick	up 🔀
Sample Time:	1220	MS	MSD?	Yes No X		Drop-of	Albany Service	Center
Comments/No	otes:					Laboratory:	Pace Ana	lvtical
200						50 50	Greenshu	ra PA

	rsonnel:	Peter Mo	0		Date: 6	19/21		
Job Number	0603200-1	34400-221			Weather	70° Cloud	1	
Mail Id	1 7404/ 000	01100 221		edecasanto prostina e por entr	Time In: (	7975	Time Out	6955
vven id.	L1MM-203				Time In.	100	Time Out	
	formation				the second s	<del>a de 19</del> 0.		
vven m	Iormation		TOC	Other		. Elu	shmount	Stick-Up
Depth to W/a	tor	(foot)	955	Other	Well Lock	. riu ed:	Ves	No
Depth to Rot	tom:	(feet)	16.92		Measuring	Point Marked:	Yes	No
Depth to Pro	duct:	(feet)	-		Well Mate	rial: PVC	Ss Ot	her:
Length of Wa	ater Column:	(feet)	7.37		Well Diam	eter: 1'	2"Xot	her:
Volume of W	ater in Well:	(gal)	1.17		Comments	s:		
Three Well V	'olumes:	(gal)	3.53					
Purging	nformation						Conversion I	Factors
Purging Meth	iod:	Baile	r Peristalt	ic 🔀 Grund	fos Pump	gal/ft.	1" ID 2" ID	4" ID 6" ID
Tubing/Bailer	· Material:	Teflor	Stainless S	t. Poly	yethylene	of		
Sampling Me	thod:	Baile	r Peristalt	ic K Grundi	fos Pump	water	0.04 0.16	0.66 1.47
Average Pum	ping Rate:	(ml/min)	200			1 gall	on=3.785L=3785r	nL=1337cu. feet
Duration of P	umping:	(min)	30					
Total Volume	Removed:	(gal)		Did well go dry?	Yes No	X		
Horiba U-52	Water Quality	Meter Used?	Ye	s 🗙 No				
						and the second		
Time	DTW	Temp	pH	ORP	Conductivity	Turbidity	DO	TDS
	(feet)	(°C)		(mV)	(mS/cm)	(NTU)	(mg/L)	(g/L)
0920	9.58	18.66	6.89	127	0734	8.9	3.52	. 471
0925	9.58	16.06	6.79	168	0871	6.7	2.42	.560
0930	9.59	15.65	6.81	186	0903	4.0	2.16	.578
	9.58	15.36	6,80	199	.906	7.8	2.04	.581
0935		1534	6.85	206	. 429	1.4	1.83	.595
0935	9.58	10.01						
0935 0940 0945	9.58 9.58	15.31	6.87	211	, 928	1.2	1.82	-593
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87	211 214	, 928 , 940	1.2	1.82	,593 ,602
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87 6.87	211 214	, 928 , 940	1.2	1.82 1,84	, 593 , 602
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87	211 214	» 928 » 940	1.2 1.7	1.82 1.84	,593 ,602
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87	211 214	, 928 , 940	1.2	1.82 1,84	, 593 , 602
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87	211 214	, 928 , 940	1.2	1.82 1,84	, 593 , 602
0935 0940 0945 0950	9.58 9.58 9.58	15.31 14,60	6.87	211 214	\$ 928 \$ 940	1.2	1.82 1,84	,593 ,602
0935 0940 0945 0950 Sampling Inf	9.58 9.58 9.58 9.58	15.31 14,60	6.87	211 214	, 928 , 940	1.2 1.7	1.82 1,84	*593 *602
0935 0940 0945 0950 Sampling Inf	9.58 9.58 9.58	15.31 14,60	6.87	211 214	, 928 , 940	1.2 1.7	1.82 1,84	,593 ,602
0935 0940 0945 0950 Sampling Inf	9.58 9.58 9.58 9.58	15.31 14,60	6.87 6.87	211 214	\$ 728 \$ 940	1.2 1.7 4 - 100ml ambe	1.82 1.84	<u>, 593</u> , 6∂2
0935 0940 0945 0950 Sampling Inf EPA SW-84 EPA SW-84	9.58 9.58 9.58 9.58 9.58 0 formation: 16 Method 8270 46 Method 8260	15.31 19,60 SVOC F VOC'S E	C.87 C.87 CAH's BTEX	211 214	, 928 , 940	1.2 1,7 4 - 100ml ambo 3 - 40 ml vial	1.82 1.84	No No
0935 0940 0945 0945 0950 Sampling Inf EPA SW-84 EPA SW-84 EPA SW-84	9.58 9.58 9.58 9.58 9.58 6 Method 8270 46 Method 8260 ethod 335.4 9.58	) SVOC F VOC'S E Cyani	PAH's BTEX de	211 214	, 928 , 940	1.2 1.7 4 - 100ml ambu 3 - 40 ml vial 1 - 250 ml plas	1.82 1.84 I.84	NO NO NO
0935 0940 0945 0950 Sampling Inf EPA SW-84 EPA SW-84 EPA M EPA M	9.58 9.58 9.58 9.58 9.58 9.58 6 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7	) SVOC F VOC'S E Cyanii Meta	PAH's BTEX de	211 214	\$ 728 \$ 940	1.2 1,7 4 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	I, 82 I, 82 I, 84 I, 84	No No No No No
Sample ID:	9.58 9.58 9.58 9.58 9.58 9.58 9.58 9.58	SVOC F VOC's E Cyania Ite 0621	2AH's BTEX de ls	211 214	\$ 928 \$ 940	1. 2 1, 7 4 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	1.82 1.82 1.84 ers Yes s Yes tic Yes tic Yes	No No No No No
Sample ID: Sample Time:	9.58 9.58 9.58 9.58 9.58 9.58 9.58 9.58	) SVOC F ) VOC'S E Cyani ite 0621 -0621 Du	PAH's BTEX de lis plicate?	Yes No Yes No	\$ 928 \$ 940	1.2 1.7 4 - 100ml ambu 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa	1.82 1.84 1.84	No No No No No Center
Sample ID: Sample Time:	9.58         1.58         1.58         2.550	) SVOC F ) VOC'S E Cyanii Meta ite 0621 -0621 Du	PAH's BTEX de ls plicate?	Yes No Yes No	\$ 928 \$ 940	1.2 1,7 4 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	1.82       1.84 <td>No No No No No No Center</td>	No No No No No No Center
Sample ID: Sample Time: Comments/No	9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         9.58         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         9 <t< td=""><td>) SVOC F ) VOC'S E Cyania Meta ite 0621 -0621 Du</td><td>2AH's BTEX de ls plicate?</td><td>Yes No Yes No</td><td>\$ 928 \$ 940 Shi</td><td>1.2 1.7 4 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of _aboratory:</td><td>1.82 1.84 1.84 1.84 ers Yes s Yes tic Yes tic Yes tic Yes tic Yes tic Yes tic Yes tic Yes</td><td>No No No No No No No No No No</td></t<>	) SVOC F ) VOC'S E Cyania Meta ite 0621 -0621 Du	2AH's BTEX de ls plicate?	Yes No Yes No	\$ 928 \$ 940 Shi	1.2 1.7 4 - 100ml ambo 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of _aboratory:	1.82 1.84 1.84 1.84 ers Yes s Yes tic Yes tic Yes tic Yes tic Yes tic Yes tic Yes tic Yes	No No No No No No No No No No

Job Number:         0603200-134400-221         Weather:         Diff C (25)           Weil Id.         LTMW-S10         Time In:         0757         Time Out:         043           Weil Information         Other         Weil Type:         Flushmount         Stock-Up No         No           Depth to Bottom:         (eed)         17.18         Weil Cocket:         Yee         No         No           Depth to Bottom:         (eed)         7.43         Weil Material:         Yee         No         No         No           Depth to Porduct:         (eed)         7.43         Grundfos Pump         Yee         No         No         No         No           Purging Method:         galf         11.02         Portstattic         Grundfos Pump		rsonnei.	Peter 11	50		Date: 6	19/21		
Well Id.       LTMW-S10       Time In: 0757       Time Out: 040         Well Information       TOC       Other       Well Type:       Flustmouring Point Marked:       Yes         Depth to Droduct:       (eed) 17.18       Well Type:       Flustmouring Point Marked:       Yes       No         Depth to Droduct:       (eed) 17.18       Well Type:       Yes       Stock-Up Modeling       No         Depth to Droduct:       (eed) 17.18       Well Material:       YevC       Stock-Up Modeling       No         Well Material:       Conversion Factors       Stock-Up Modeling       Stock-Up Modeling       Stock-Up Modeling       Yes       No         Purging Information       Balar       Peristatic       Grundfos Pump       Grundfos Pump       Grundfos Pump       Grundfos Pump       Grundfos Pump       Time Other       Grundfos Pump       Grund	Job Number:	0603200-13	34400-221			Weather:	70 over	CLSY	
Well information       TOC       Other       Innertic () / 2 / (2000 Carl) (2000	Well Id	I TMW_S10				Time In:	0957	Time Out	· lo Ua
Well Information         TOC         Other         Well Type:         Flushmount         Stick-Up No           Depth to Bottom:         (reet)         17.18         Well Locked:         Yes         No         No           Depth to Bottom:         (reet)         7.43         Well Locked:         Yes         No         No           Depth to Bottom:         (reet)         7.43         Well Dameter:         Yes         No           Volume of Water Column:         (reet)         7.43         Well Dameter:         Yes         No           Well Volumes:         (ga)         3.56         Statiess St.         Grundfos Pump         Grundfos Pump<	vven iu.	L111110-010			- ste		0121		
TOC         Other         Well Type::         Flushmont         Stick-Up         No           Depth to Extorm:         (feet)         7.2 ≤         Well Type::         Flushmont         Stick-Up         No           Depth to Extorm:         (feet)         7.4 ≤         Well Type::         Flushmont         No         No           Depth to Extorm:         (feet)         7.4 ≤         No         No         No           Depth to Extorm:         (feet)         7.4 ≤         No         No         No           Outme of Water Column:         (feet)         7.4 ≤         No         No         No           Purging Information         Bailer         Prestatic         Grundfos Pump         Grundfos Pump         Grundfos Pump         Grundfos Pump         Yes         No         Yes         Yes         Yes         Y	Well In	formation							
Depth to Water:         (reet)         9,2,5           Depth to Poduct:         (reet)         17,18           Depth to Poduct:         (reet)         7,43           Length of Water Column:         (reet)         7,43           Volume of Water in Well:         (gat)         1,1/8           Purging Information         (gat)         1,1/8           Purging Information         (gat)         1,1/8           Purging Information         Baller         Peristatic         Grundfos Pump           Tubing/Bailer Material:         Totion         Stainless St.         Grundfos Pump           Sampling Method:         Baller         Peristatic         Grundfos Pump           Duration of Pumping:         (min)         3.0         Did well go dry?         Yes           Duration of Pumping:         (min)         3.0         Did well go dry?         Yes         No            Time         DTW         Temp         PH         ORP         Conductivity         Turbidity         DO         TDS           10/10/10/10/10/10/10/10/10/10/10/10/10/1				TOC	Other	Well Type	: Flu	shmount	Stick-Up
Depth to Bottom:         (ret)         17.18         Measuring Point Marked:         Yes         No           Depth to Product:         (ret)         7.4/3         Well Material:         PVCQ SS         Ss         Other:	Depth to Wa	ter:	(feet)	9.75		Well Lock	ed:	Yes	No
Depth to Product:         (ree)         ~         Well Material:         PVC \	Depth to Bot	tom:	(feet)	17.18		Measuring	Point Marked:	Yes	No
Length of Water Column:       (teo)       7.4/3         Volume of Water in Well:       (gat)       1.1/8         Three Well Volumes:       (gat)       3.5/2         Purging Information	Depth to Pro	duct:	(feet)			Well Mate	rial: PVC		her:
Volume of Water in Well:         (ge)         1/15         Comments:           Purging Information	Length of Wa	ater Column:	(feet)	7.43		Well Diam	eter: 1'	2"XOt	her:
Three Well Volumes:       (gel)       3,32         Purging Information       Purging Information         Purging Method:       Bailer       Peristatic         Sampling Method:       Bailer       Peristatic         Sampling Method:       Bailer       Peristatic         Verage Purping Rate:       (minini)       2,05         Duration of Pumping:       (minini)       2,05         Total Volume Removed:       (gab)       1       Did well go dry?       Yes       No         Time       DTW       Temp       PH       ORP       Conductivity       Turbidity       DO       TDS         10-05       10,34       ///.427       6.420       4.03       3,44       -253       1,5.24       5,6.24       5,7.7         10-05       10,34       ///.427       6.38       3,44       -253       1,6.34       .57.9         10-05       10,34       ///.42.0       6.38       3,1       -25.3       5,1       6,9.4       .57.9         10-152       10,558       1,3.7	Volume of W	ater in Well:	(gal)	1.18		Comment	S:		
Purging Information         Conversion Factors           Purging Method:         Bailer         Peristatic         Grundtos Pump           Sampling Method:         Bailer         Peristatic         Grundtos Pump           Sampling Method:         Bailer         Peristatic         Grundtos Pump           Ouration of Pumping:         (ml/min)         2::::::::::::::::::::::::::::::::::::	Three Well V	olumes:	(gal)	3,36					
Purging Information         Conversion Factors           Purging Method:         Taffon         Stanless St.         Poyethyten Grundfos Pump         Gru								5	<u> </u>
Purging Information         Conversion Factors           Purging Method:         Baller         Peristallic         Grundfos Pump         Polyethylene         Grundfos Pump         Grundfos Pump <td>Duraina</td> <td>nformation</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>	Duraina	nformation						-	
Purging Method:         Baller         Peristatic         Grundfos Pump         Grundfos Pump </td <td>Purging</td> <td>normation</td> <td>-</td> <td></td> <td></td> <td></td> <td><b></b></td> <td>Conversion</td> <td>Factors</td>	Purging	normation	-				<b></b>	Conversion	Factors
Orging Method:       Teston       Statiless St.       Polyethylens       Grundfos Pump       Teston       Teston       Grundfos Pump       Grundfos Pump       Grundfos Pump       Teston       Teston       Teston       Teston       Grundfos Pump       Grundfos Pump       Teston	Purging Meth	od.	Baile	Peristalti	Grund	fos Pump		1" ID 2" ID	4" ID 6" ID
Sampling Method:         Baller         Peristatic         Grundfos Pump         water         0.04         0.16         0.66         1.47           Average Pumping Rate:         (m/min)         2.03	Tubing/Bailer	· Material:	Teflo	n Stainless S	t Pol	vethylene	gai/it.		
Average Pumping Rate:       (mi/min)       2 ∞       1 gallon=3.765L=3765mL=1337cu. feet         Duration of Pumping:       (min)       3 ∞       Did well go dry?       Yee       No x         Horiba U-52 Water Quality Meter Used?       Yee       No       x       No       x         Time       DTW       Temp       pH       ORP       Conductivity       Turbidity       DO       TDS         (feet)       (°C)       (°C)       (mV)       (mS/cm)       (NTU)       (mg/L)       (g/L)         / 0 ~7       ?	Sampling Me	thod:	Baile	Peristalti	c Grund	fos Pump	water	0.04 0.16	0.66 1.47
Duration of Pumping:         (min)         3 ∪         Did well go dry?         Yes         No (x)           Horiba U-52 Water Quality Meter Used?         Yes         No         (x)         Turbidity         DO         TDS           Moriba U-52 Water Quality Meter Used?         Yes         No         (ms/cm)         (NTU)         (mg/L)         (g/L)           1 G r 0         7.77         7.5 % 0         6.82 / 6.0         7//         2.6 7.75         .5 72           10 0 7         10.34         ///.6 %         6.92 / 6.0         .7//         2.6 7.75         .5 72           10 0 7         10.45         //.6 % 2         6.0         .7//         2.6 7.75         .5 72           10 10         10.7//         ///.6 6         6.38         3.4         .803         .723         8.164         .577           10 10         10.45         1/1.42         6.38         3.0         .723         8.1         6.137         .577           10 20         10.73         13.77         6.38         3.7         .953         3.5         4/.90         .600           10 30         10.58         13.77         6.38         3.7         .953         3.40 mi vials         Yes         No         <	Average Pun	ping Rate:	(ml/min)	200			1 gall	on=3.785L=3785r	mL=1337cu. feet
Total Volume Removed:       (ga)       j       Did well go dry?       Yes       No         Horiba U-52 Water Quality Meter Used?       Yes       No       Image: Conductivity       Turbidity       DO       TDS         Time       DTW       Temp       pH       ORP       Conductivity       Turbidity       DO       TDS         10       Yes       Ac       7//       2.6       7.75       .5 27         10 05       J0.34/       Iff.67       6.4//       33       .825       I.5.2       8.64       .528         10 10       J0.44       Iff.27       6.4//       33       .825       I.5.2       8.64       .528         10 10       IO.44       Iff.32       6.58       33       .603       7.74       8.64       .537         10 10       IO.44       Iff.32       6.58       33       .603       7.572       .603       .572         10 32       IO.553       I.3.79       6.38       31       .723       3.5       I/1.99       .607         IO.30       IO.558       I.3.97       6.38       31       .753       3.5       V.07       No       No       No       No       No       No       No <td>Duration of P</td> <td>umping:</td> <td>(min)</td> <td>30</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Duration of P	umping:	(min)	30					
Horiba U-52 Water Quality Meter Used?       Yes No         Time       DTW       Temp       pH       ORP       Canductivity       Turbidity       DO       TDS         (feet)       (°C)       (°C)       (°MV)       (°MS/cm)       (NTU)       (°mg/L)       (g/L)         /0 o 7       9. 727       15.80       6.92       4.00       .911       2.6       9.755       .527         /0 o 5       10.34       14.67       6.471       33       .8255       (15.22)       8.64       .528         /0 10       10.41       14.20       6.38       34       .8158       1.2.44       7.68       .5772         /0 20       10.42       14.20       6.38       32       .9103       7.8       6.90       .579         /0 20       10.53       13.79       6.38       28       .948       .903       7.5       6.90       .579         /0 30       10.55       13.79       6.38       28       .9478       5.0       5.577       .607         /0 30       10.55       13.79       6.38       21       .953       3.5       4.90       .600         EPA Method 32.6       VOC's BTEX       3.90       1.250 ml plast	Total Volume	Removed:	(gal)	) C	Did well go dry?	Yes No	X		
Time         DTW         Temp         pH         ORP         Conductivity         Turbidity         DO         TDS           /6 270         9, 729         15.80         6.523         6.0         741         2.6         7.95         ,577           /0 25         10.34         14.67         6.41         3.3         ,8235         (5.2         8.64         ,5287           /0 10.41         14.67         6.41         3.3         ,8235         (5.2         8.64         ,5287           /0 10.41         14.33         6.58         3.4         .8257         12.4         7.68         .537           /0 20         10.47         14.20         6.38         3.4         .803         .577         .577           /0 20         10.573         13.79         6.38         3.2         .723         8.1         6.39         .579           /0 30         10.558         13.79         6.38         31         .953         3.5         4.90         .607           /0 30         10.558         13.79         6.38         31         .953         3.5         4.90         .600           EPA Method 8270         SVOC PAH's         5.0         5.0         5.9	Horiba U-52	Water Quality	Meter Used?	Ye	s No				
Time         DTW         Temp         pH         ORP         Conductivity         Turbidity         DO         TDS           / 6 TO         9, 779         15.80         6.820         60         744         2.6         7.755         .5774           / 0 0 1         / 0.34         ///.47         6.474         33         .825         / 5.2         8.64         .527           / 0 0 1         / 0.44         / 4.66         6.38         34         .825         / 12.4         7.68         .574           / 0 0 1         / 0.44         / 4.58         34         .903         7.3         6.90         .579           / 0 25         / 0.573         / 3.79         6.38         32         .903         7.3         6.90         .579           / 0 25         / 0.573         / 3.79         6.38         28         .9448         5.0         5.797         .407           / 0 35         / 13.99         6.38         37         .933         3.5         4.90         .6/0           / 0 35         / 13.99         6.38         37         .933         3.5         4.90         .6/0           / 0 35         / 1.599									
Inite       Inite <thinite< th=""> <thinite< th=""> <thin< td=""><td>Time</td><td>DTW</td><td>Temp</td><td>nH</td><td>ORP</td><td>Conductivity</td><td>Turbidity</td><td>DO</td><td>TDS</td></thin<></thinite<></thinite<>	Time	DTW	Temp	nH	ORP	Conductivity	Turbidity	DO	TDS
16 50       9,727       13.80       6.82       6.0       744       24       9,755       ,524         10 0       10,34       14.67       6.41       33       1825       15.2       8.64       528         10 0       10,44       14.64       6.38       34       858       12.4       7.5       6.90       1579         10 10       10,44       14.33       6.58       34       1903       7.5       6.90       1579         10 30       10.45       14.33       6.58       34       1903       7.5       6.90       1579         10 30       10.53       13.79       6.38       38       37       .723       8.1       6.39       .607         10 35       10.53       13.79       6.38       31       .953       3.5       4.90       .607         10 35       10.53       13.79       6.38       31       .953       3.5       4.90       .607         10 35       13.79       6.38       31       .953       3.5       4.90       .607         10 35       13.79       6.38       31       .953       3.5       1.90       .607         EPA Method 8270       S	TITIC	(feet)	(°C)	pri	(mV)	(mS/cm)	(NTU)	(mg/L)	(q/L)
10 05       10.34       11.47       6.41       33       18.25       15.2       8.64       528         10 10       10.41       14.66       6.38       34       1903       7.5       6.100       1579         10 15       10.46       14.33       6.38       34       1903       7.5       6.100       1579         10 20       10.47       14.20       6.38       30       723       8.1       6.39       1579         10 30       10.53       13.77       6.58       28       7448       5.0       5.97       1607         10 30       10.53       13.77       6.38       31       .953       3.5       4.90       1607         10 30       10.53       13.79       6.38       31       .953       3.5       4.90       1607         10 30       10.53       13.79       6.38       31       .953       3.5       4.90       1607         10 30       10.55       13.79       6.38       31       .953       3.5       4.90       1607         10 30       10.55       14.90       14.250       1.250 ml vials       1.250 ml vials       1.250 ml vials       No       No       No		(			1	and it was		1	19 /
Io IO       IO. 4/       IA. 4       IA. 4 <t< td=""><td>1000</td><td>9.79</td><td>15.80</td><td>6.82</td><td>60</td><td>.911</td><td>26</td><td>9.75</td><td>,577</td></t<>	1000	9.79	15.80	6.82	60	.911	26	9.75	,577
.10.15       10.46       14.31       6.58       32       :903       7.5       6.90       :579         10.20       10.49       14.20       6.38       30       .723       8.1       6.39       :579         10.30       10.53       13.79       6.38       28       .948       5.0       5.77       .607         10.30       10.58       13.79       6.38       28       .948       5.0       5.77       .607         10.30       10.58       13.79       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.79       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.79       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.79       6.38       31       .953       3.5       4.90       .600         EPA SW-846 Method 8270       SVOC PAH's       5       6       100ml ambers       Yes       No         EPA SW-846 Method 335.4       Cyanide       1       250 ml plastic       Yes       No       No         EPA Method 200.7       Metals       1 </td <td>1005</td> <td>9.79</td> <td>15.80</td> <td>6.82</td> <td>60 33</td> <td>.911</td> <td>26</td> <td>9.75</td> <td>.577</td>	1005	9.79	15.80	6.82	60 33	.911	26	9.75	.577
10.20       10.49       14.20       6.38       30       .723       8.1       6.39       .590         10.25       10.53       13.79       6.38       28       .948       5.0       5.77       .607         10.30       10.58       13.99       6.38       28       .948       5.0       5.77       .607         10.30       10.58       13.99       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.99       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.99       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.99       6.38       31       .953       3.5       4.90       .600         10.30       10.58       13.99       6.38       31       .953       3.5       4.90       .600         EPA SW-846 Method 8270       SVOC PAH's       6       100ml ambers       Yes       No       3.40 ml vials       Yes       No       1.250 ml plastic       Yes       No       1.250 ml plastic       Yes       No       1.250 ml plastic       Yes       No       1.25	1005 1005 1010	9.79 10.34 10.41	15.80 14.69 14.66	6.82 6.41 6.38	60 33 34	.911 .825 .858	26 15.2 12.4	9.75 8.64 7.68	,577 ,528 ,537
1035       10.53       13.99       6.38       28       .948       5.0       5.74       .607         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         1030       10.58       13.99       6.38       31       .953       3.5       4.90       .600         Sampling Information:       Image: state of the	1005 1005 1010 1015	9.79 10.34 10.41 10.46	15.80 14.69 14.66 14.32	6.82 6.41 6.38 6.38	60 33 34 32	.911 .825 .858 .903	26 15.2 12.4 7.5	9.75 8.64 7.68 6.90	,577 ,528 ,537 ,537 ,579
10.30       10.38       13.99       6.38       31       93.3       3.5       4.90       6.00         Sampling Information:         Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's       6 - 100ml ambers       Yes       No         EPA SW-846 Method 8270       SVOC PAH's       6 - 100ml ambers       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml vials       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         LTMW-S10-0621         Sample Time:       20 30         MS/MSD?       Yes       No         Shipped:       Pace Courier Pickup         Drop-off Albany Service Center         Laboratory:       Pace Analytical	1005 1005 1010 1015 1030	9.79 10.34 10.41 10.46 10.49	15.80 14.69 14.66 14.32 14.20	6.82 6.41 6.38 6.38 6.38	60 33 34 32 30	. 911 . 825 . 858 . 903 . 723	26 15.2 12.4 7.5 8.1	9.75 8.64 7.68 6.90 6.39	,577 ,528 ,537 ,537 ,579 ,590
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Sample Time:       Jo 30         MS/MSD?       Yes         No       Shipped:         Pace Analytical	1005 1005 1010 1015 1020 1025	9.79 10.34 10.41 10.46 10.49 10.53	15.80 14.69 14.66 14.32 14.20 13.79	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28	.911 ,825 ,858 :903 ,923 ,948	26 15.2 12.4 7.5 8.1 5.0	9.75 8.64 7.68 6.90 6.39 5.97	,577 ,528 ,537 ,579 ,579 ,607
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Duplicate?       Yes         No       Shipped:         Pace Courier Pickup       Drop-off Albany Service Center         Comments/Notes:       Laboratory:	1005 1005 1010 1015 1025 1025	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14.66 14.32 14.20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 .825 .858 .903 .923 .948 .953	26 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	,577 ,528 ,537 ,537 ,579 ,590 ,607 ,607
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         Sepa Method 335.4       Cyanide         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Duplicate?       Yes         No       No         Sample Time:       Jo 30         MS/MSD?       Yes         No       No         Laboratory:       Pace Analytical	1005 1005 1010 1015 1020 1025 1030	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14.66 14.32 14.20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 923 , 948 , 953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	,577 ,528 ,557 ,579 ,579 ,607 ,607
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Duplicate?       Yes         No       No         Sample Time:       Jo 30         MS/MSD?       Yes         No       Laboratory:         Pace Analytical	1005 1005 1010 1015 1025 1025	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14,66 14,32 14,20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 923 , 948 , 953	26 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	,577 ,528 ,537 ,579 ,579 ,607 ,607
Sampling Information:         EPA SW-846 Method 8270       SVOC PAH's         EPA SW-846 Method 8260       VOC's BTEX         EPA Method 335.4       Cyanide         EPA Method 200.7       Metals         LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Duplicate?       Yes         No       Sample Time:         20 3 0       MS/MSD?         Yes       No         Laboratory:       Pace Analytical	1005 1010 1015 1030 1025 1030	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14.66 14.32 14.20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 ,825 ,858 :903 .723 .948 .953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.97 4.90	,577 ,528 ,557 ,579 ,590 ,607 ,607
EPA SW-846 Method 8270       SVOC PAH's       6 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MS-0621       LTMW-S10-MSD-0621       Shipped:       Pace Courier Pickup       Yes         Sample Time:       10 30       MS/MSD?       Yes       No       Drop-off Albany Service Center         Comments/Notes:       Laboratory:       Pace Analytical	1005 1005 1010 1015 1025 1025	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14,66 14,32 14,20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 :903 , 723 , 948 , 953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	,577 ,528 ,537 ,579 ,579 ,607 ,607
EPA SW-846 Method 8270       SVOC PAH's       6 - 100ml ambers       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MS-0621       LTMW-S10-MSD-0621       Sample ID:       LTMW-S10-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup       Drop-off Albany Service Center         Sample Time:       70 30       MS/MSD?       Yes       No       Laboratory:       Pace Analytical	1005 1010 1015 1025 1025 1025	9.79 10.34 10.41 10.46 10.49 10.53 10.58	15.80 14.69 14.66 14.32 14.20 13.79 13.99	6.82 6.47 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 ,825 ,858 :903 .723 .948 .953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	.577 .528 .537 .579 .579 .607 .607
EPA SW-846 Method 82/0       SVOC PARts       3 - 40 ml vials       Yes       No         EPA SW-846 Method 8260       VOC's BTEX       3 - 40 ml vials       Yes       No         EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MS-0621       LTMW-S10-MSD-0621       Shipped:       Pace Courier Pickup       Yes         Sample ID:       LTMW-S10-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup       Yes         Sample Time:	1005 1005 1015 1025 1025 1025 1030	9.79 10.34 10.41 10.46 10.49 10.53 10.58 formation:	15.80 14.69 14.66 14.32 14.20 13.79 13.79	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 :903 .723 .948 .953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.97 4.90	,577 ,528 ,537 ,579 ,579 ,607 ,607
EPA Method 335.4       Cyanide       1 - 250 ml plastic       Yes       No         EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MS-0621       LTMW-S10-MSD-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         Sample Time:	1005 1015 1015 1025 1025 1030 Sampling Inf	9.79 10.34 10.46 10.46 10.49 10.53 10.58 formation:	15.80 14.69 14.69 14.32 14.20 13.79 13.99	6.82 6.41 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 723 , 948 , 953	2.6 15.2 12.4 7.5 8.1 5.0 3.5	9.75 8.64 7.68 6.90 6.39 5.87 4.90	,577 ,528 ,537 ,579 ,579 ,607 ,607
EPA Method 200.7       Metals       1 - 250 ml plastic       Yes       No         LTMW-S10-MS-0621       LTMW-S10-MSD-0621       Sample ID:       LTMW-S10-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup       Image: Courier Pickup       I	1005 1015 1015 1025 1025 1025 1030 Sampling Int	9.79 10.34 10.41 10.46 10.49 10.53 10.58 formation: 46 Method 8270 46 Method 8270	13.80 14.69 14.66 14.32 14.20 13.99 13.99	6.82 6.47 6.38 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 723 , 948 , 953	2.6 13.2 12.4 7.5 8.1 5.0 3.5 6 - 100 ml amb 3 - 40  ml vial	9.75 8.64 7.68 6.90 6.39 5.57 4.90 	,577 ,528 ,537 ,579 ,590 ,607 ,607
LTMW-S10-MS-0621       LTMW-S10-MSD-0621         Sample ID:       LTMW-S10-0621         Duplicate?       Yes         No       Shipped:         Pace Courier Pickup         Domments/Notes:	/ 6 7 / 0 0 / 0 10 / 0 15 / 0 25 / 0 25 / 0 30 / 0 4 / 0 3 / 0	9.79 j0.34 j0.41 j0.46 j0.49 j0.53 j0.58 formation: 46 Method 8270 46 Method 8260 ethod 325 4	13.80 14.69 14.66 14.32 14.20 13.79 13.79	6.82 6.41 6.38 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 :903 .723 .948 .953	2.6 15. 2 12. 4 7.5 8. 1 5. 0 3. 5 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas	9.75 8.64 7.68 6.90 6.39 5.97 4.90 ers Yes s Yes	, 5 77 , 528 , 537 , 579 , 579 , 607 , 607
Sample ID:       LTMW-S10-0621       Duplicate?       Yes       No       Shipped:       Pace Courier Pickup         Sample Time:       1030       MS/MSD?       Yes       No       Drop-off Albany Service Center         Comments/Notes:       Laboratory:       Pace Analytical	/ 0 05 /0 05 /0 10 .10 /5 .10 30 .10 30 .10 35 .10 4 .10	9.79 10.34 10.46 10.46 10.49 10.53 10.58 formation: 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7	13.80 14.69 14.69 14.32 14.20 13.79 13.79 13.99	6.82 6.47 6.38 6.38 6.38 6.38 6.38 6.38 6.38 6.38	60 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 723 , 948 , 953	2.6 15. 2 12. 4 7.5 8. 1 5. 0 3. 5 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	9.75         8.64         7.68         6.90         6.39         5.87         4.90         s         y         ers       Yes         stic       Yes         stic       Yes	, 5 77 , 528 , 537 , 579 , 579 , 607 , 607 , 607 , 607
Sample Time:     >030     MS/MSD?     Yes     No     Drop-off Albany Service Center       Domments/Notes:     Laboratory:     Pace Analytical	/ 6 7 / 0 0 / 0 10 / 0 15 / 0 25 / 0 25	9.79 10.34 10.41 10.46 10.49 10.53 10.53 10.58 formation: 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 - <b>\$10-MS-0621</b>	13.80 14.69 14.66 14.33 14.20 13.79 13.79 13.79	6.82 6.47 6.38 6.38 6.38 6.38 6.38 6.38 6.38 6.38	40 33 34 32 30 28 31	.911 , 825 , 858 , 903 , 723 , 948 , 953	$   \begin{array}{c}     2.6 \\     15.2 \\     12.4 \\     \overline{7.5} \\     8.1 \\     5.0 \\     \overline{3.5} \\   \end{array} $ 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas	9.75*         8.64         7.68         6.90         6.39         5.97         4.90         s         Yes         stic       Yes         stic       Yes	, 5 77 , 528 , 537 , 579 , 579 , 570 , 607 , 607 , 607
Domments/Notes: Laboratory: Pace Analytical	/ 0 05 /0 05 /0 10 .10 15 .10 30 .10 30 .10 35 .10 30 .10 35 .10 30 .10 35 .10 30 .10 35 .10 30 .10 35 .10 30 .10 45 .10	9.79 10.34 10.46 10.46 10.49 10.53 10.53 10.58 6 Method 8270 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 - <b>S10-MS-0621</b> LTMW-S10-	13.80 14.69 14.69 14.33 14.33 14.20 13.79 14.79 15	C. 82 C. 4/ C. 38 C. 38	60 33 34 30 28 31 31 31 31 31 31 31 31 31 31 31 31 31	.911 .825 .858 .903 .723 .948 .953	2.6 13. 2 12. 4 7.5 8. 1 5. 0 3. 5 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas	9.75         8.64         7.68         6.90         6.39         5.97         4,90         sitc         Yes         stic       Yes         ace Courier Pick	, 5 77 , 528 , 537 , 579 , 579 , 607 , 607 , 607 , 607 , 607 , 607 , 607
	/ 6 70 / 0 0 5 / 0 10 . 10 15 . 10 30 . 10 15 . 10 30 . 10 15 . 10 30 . 10 15 . 10 30 . 10	9.79 10.34 10.41 10.46 10.49 10.53 10.53 10.58 formation: 46 Method 8270 46 Method 8260 ethod 335.4 ethod 200.7 -S10-MS-0621 LTMW-S10- 20.30	13.80         14.69         14.33         14.33         14.33         13.99         13.99         VOC's         Cyan         Meta         LTMW-         0621       Du	C. 82 C. 97 C. 38 C. 38	40 33 34 30 28 31 31 28 31 4 28 31	.911 .825 .858 .903 .948 .953	2.6 15.2 12.4 7.5 8.1 5.0 3.5 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas 1 - 250 ml plas Drop-of	9.75         8.64         7.68         6.90         6.39         5.97         4.90         stic         Yes         stic       Yes         ace Courier Pick         f Albany Service	, 5 77 , 5 28 , 5 37 , 5 79 , 5 79 , 5 79 , 6 / 0 , 6 / 0 , 6 / 0
	JOTO JOTO JOJO JOJO JOJO JOJO JOJO JOJO	9.79 10.34 10.46 10.46 10.49 10.53 10.53 10.58 10.	13.80 14.69 14.33 14.33 14.20 13.79 14.79 15	C. 82 C. 41 C. 38 C. 38	40 33 34 30 28 31 31 31 31 31 31 31 31 31 31 31 31 31	. 911 . 825 . 858 . 903 . 723 . 948 . 953	2.6 13.2 12.4 7.5 8.1 5.0 3.5 6 - 100ml amb 3 - 40 ml vial 1 - 250 ml plas 1 - 250 ml plas pped: Pa Drop-of	9.75         8.64         7.68         6.90         6.39         5.97         4,90         5.97         4,90         stic         Yes         stic       Yes         ace Courier Pick         f Albany Service         Pace Anz	, 5 77 , 5 28 , 5 37 , 5 79 , 5 79 , 6 07 , 6 0 , 7 , 6 0 , 6 0 , 6 0 , 6 0 , 7 , 7 , 6 0 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7

Date: <u>6/9/21</u> Technician: <u>Pcful ky in</u>

Field Inspection Report Former MGP Site **Kingsley Avenue** Rome, New York

Time:

0913 Weather: OverCast 70°

		Site	Conti	rols	
Fence Condition	GOOD	FA	AIR	DAMAGED	COMMENTS
Kingsley Ave Gate	GOOD	FA	AIR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATIO	NAD	NON-	OPERATIONAL	COMMENTS:
Railroad Ave Gate	GOOD	FA	IR	DAMAGED	COMMENTS:
Padlock-NG/GES	OPERATION	VAL	NON-	OPERATIONAL	COMMENTS:

	Vegetati	ion (Surface	Cover System	1)
Condition of Grass	GOOD	FAIR	POOR	COMMENTS: OULY 12"
Site Trees	NONE	MINOR	SIGNIFICANT	COMMENTS:
Surface Erosion	NONE	MINOR	SIGNIFICANT	COMMENTS:

		Stoned Ar	eas	
Condition of Main Access Road	GOOD	FAIR	POOR	COMMENTS:
Condition of Main Staging Area	GOOD	FAIR	POOR	COMMENTS:
Condition of Rear Turn Around Area	GOOD	FAIR	POOR	COMMENTS:

			Draina	ige Sys	stems	
Rip Rap Area	Culvert	UNOBSTRUC	CTED	OB	STRUCTED	
	Flow	NONE	LIT	TLE	SIGNIFICANT	COMMENTS:
	Outlet Channel	OPERATION	VAL	NON-C	PERATIONAL	COMMENTS:

		Misc	ellane	ous	
Evidence of Trespassing	NO	>		YES	COMMENTS:
Litter	NONE	MIN	OR	SIGNIFICANT	COMMENTS:

General Comments:

PH of Effluent : 7.04

### National Grid COVID-19 Daily System Check-Visitors

National Crid COVID 40 Daily System Check Visitars	
Emplyee Name: Place Care Date: Chief 23	
Please and the answer the second seco	-
Please reply NO to any symptoms that you believe to be related to seasonal allergies, chronic health conditions or other known causes.	
Any NEW ONSET of the following symptoms within the past 14 days? YES	NO
Have you been experiencing any cough, shortness of breath, or difficulty breathing?	-
Have you been experiencing any chills, felt feverish, or had a fever of 100.3 or greater?	-
Have you been experiencing any (generalized) muscle pain/aches, fatigue, or headaches?	/
Have you been experiencing any sore throat, runny/stuffy nose, or recent loss of taste or smell?	/
Have you been experiencing nausea, vomiting, or diarrhea?	/
In the past 14 days, have you:	
Tested positive for COVID-19?	/
Been in close or proximate contact(less than 6 feet for more than 15 minutes) with anyone who has	/
tested positive for COVID-19 or has or had symptoms of COVID-19?	
Been directed to quarantine or isolate by any Department of Health or a Healthcare Provider?	_
If you answered "YES" to any of the questions, please leave the work location, contact your employer and notify	
National Grid's Employee Services at 888-483-2123 (to trigger contract tracing for NG employees you were in contact	with)
If you feel that you have symptoms related to COVID-19 please contact your Healthcare Provider	winij.

	lational Grid COVID-19 Daily System Check-Visitors	
Emplyee Name:	Date:	
Please reply NO to any symptom.	that you believe to be related to seasonal allergies, chronic health conditions or other known causes.	
Any NEW ONSET of the following sym	ptoms within the past 14 days? YES	NO
Have you been experiencing any cough,	shortness of breath, or difficulty breathing?	
Have you been experiencing any chills,	felt feverish, or had a fever of 100.3 or greater?	
Have you been experiencing any (generation	alized) muscle pain/aches, fatigue, or headaches?	
Have you been experiencing any sore th	roat, runny/stuffy nose, or recent loss of taste or smell?	-
Have you been experiencing nausea, vo	niting, or diarrhea?	
In the past 14 days, have you:		
Tested positive for COVID-19?		
Been in close or proximate contact(less t	han 6 feet for more than 15 minutes) with anyone who has	
tested positive for COVID-19 or has or ha	ad symptoms of COVID-19?	
Been directed to quarantine or isolate by	any Department of Health or a Healthcare Provider?	
If you answered "YES" to any	of the questions, please leave the work location, contact your employer and notify	
National Grid's Employee Services	at 888-483-2123 (to trigger contract tracing for NG employees you were in contact w	ith).
Nalional Grid's Employee Services	at 888-483-2123 (to trigger contract tracing for NG employees you were in contact w	ith).

If you feel that you have symptoms related to COVID-19 please contact your Healthcare Provider.

Nati	ional Grid COVID-19 Daily System Check-Visitors		
Emplyee Name:	Date:		
Please reply NO to any symptoms that	at you believe to be related to seasonal allergies, chronic health conditions	or other known causes.	
Any NEW ONSET of the following symptom	oms within the past 14 days?	YES	NO
Have you been experiencing any cough, sho	ortness of breath, or difficulty breathing?		
Have you been experiencing any chills, felt	feverish, or had a fever of 100.3 or greater?		
Have you been experiencing any (generalize	ed) muscle pain/aches, fatigue, or headaches?		
Have you been experiencing any sore throat	t, runny/stuffy nose, or recent loss of taste or smell?		
Have you been experiencing nausea, vomiti	ng, or diarrhea?		
In the past 14 days, have you:		L	
Tested positive for COVID-19?			
Been in close or proximate contact(less than	1 6 feet for more than 15 minutes) with anyone who has		
tested positive for COVID-19 or has or had s	symptoms of COVID-19?	Language Lan	
Been directed to quarantine or isolate by any	y Department of Health or a Healthcare Provider?		
If you answered "YES" to any of	the questions, please leave the work location, contact your e	employer and notify	
	,,	in provide and notify	

National Grid's Employee Services at 888-483-2123 (to trigger contract tracing for NG employees you were in contact with). If you feel that you have symptoms related to COVID-19 please contact your Healthcare Provider.

svrrmt88-vm

Pace Analytical

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

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:													Pag	1	f 2
Company: GES - Syracuse	Report To: Devin Shay (GES) dshay@gesontine.com	Attention: Accounts	Payable via en	nail at ges-invoit	ilnose@gesonli	ne.com							REGU	ATOR	Y AGEN	CY	
Address: 5 Technology Place, Suite 4	Report To: Tim Beaumont (GES) theaumont@gesonline.com	Company Name: G	roundwater & E	invironmental Se	rvices, Inc.					dn L	DES	GROUN	D WATER	Ĕ	NKING /	ATER	
East Syracuse, New York 13057		Address: 5 Technolo	ogy Place, Suite	s 4, East Syracu	se, NY 1305	2				90 L_		RCRA		D D	THER		
Email To: dshay@gesonline.com	Purchilse Order No.:	Pace Quote Referen	ice:								15	ш	D _	L		Ē	L
Phone: 800.220.3069 Fax: None x4051	Project Name: National Grid - Rome Kin Ave. Site, Rome, NY	gsley Pace Project Manag	er. Rachel Chri	stnar						1001			t L	L.,	í. g	HL L	ef
Requested Due Date/TAT: Standard	Project Number. 0603200-134400-221-1105		a	larterly	GWS	0				Filtered	(N/A			R	2	111	1
Section D Required Client Information SAMPLE ID	Valid Matric Coolins MAUTEIX COOLE MAUTEIX COOLE VALVIEN VALVIEN VALVIEN VALVIEN PROJACT	- dwo	OLLECTED		м		- Bre	servative	s	Request	<b>P</b>			$\square$			
Une Unaracter per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE	All and a second as a conception of a second and a second		slva										/	$\geq$	$\leq$		
	a MATRIX COD	17РЕ С+СF			PLE TEMP AT COI	20101002-004								L'OUZ I	$\square$		
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LTMW-S02-0	0621 WT	Ø	49	1645		7 2		3 1		_	6	2 1					
LTWW-D03-0	0621 WT	U	410	1125		7 2	4-	3 1			0	2 1					
LTMW-S03-0	0621 WT	U	610	1045		7 2	+	3 1			e	2					
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Please send reports to: dshay@gesonline.com, tbe	eaumont@gesonline.com															N/A	N/A
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Pace Analytical

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

Pace Project Number Lab I.D. toetni seiqmed N/A N/A N/A N/A MI NC 1 of . 1 SAMPLE CONDITIONS OTHER eleoC belses N/A N/A N/A N/A Custody DRINE G WATER OH [ | SC | W N Page: Received on N/A N/A N/A N/A C. C. S. N. S. S. H. L\_\_\_\_ OTHE O° ni qmeT GA GROI D WATER Lobal (AS. 63 ĺ.,, RCR 4 3 3 27 NPDES Itered (VIN) equested UST nalysis: DATE Signed (MM / DD / YY) Janer lonaritel CO25261 HORN IOH en. 3 CONH -POSZI Deviserved \$ ttention: Accounts Payable via email at ges-invoices@gesonline.com ₽ Cro c SABNIATNOD FOR 3 Address: 5 Technology Place, Suite 4, East Syracuse, NY 13057 company Name. Groundwater & Environmental Services, Inc. M NOITOBLOO TA AMBT BLAMAR 2430 TIME P.C. Pace Project Manager. Rachel Christner 1912 V DATE 6191 COLLECTED Vame of SAMPLER: **JATURE of SAMPLER:** GRAB ace Quote Reference: TIME Invoice Information: ace Profile #: MPOSITESTART Section C DATE Project Name: National Grid - Rome Kingsley Ave. Site, Rome, NY C c G+GRAB C=COMP **39YT 3J9MA8** Quarterly System Effluent WT ž **BOOD XIRTAM** Report To: Tim Beaumont (GES) Report To: Devin Shay (GES) Project Number: 0603200-134400-221-1106 MATIRIX Colors MATIRIX 200E Required Project Information: beaumont@gesonline.com Please send reports to: dshay@gesonline.com, theaumont@gesonline.com COOLERS. dshay@gesonline.com urchase Order No .: Section B --END OF RECORD---Effluent System 0621 NERegion@gesonline.com, ges@equisonline.com Trip Blank Samples NGRome-labnumber.28351.EQEDD.zip ation Required Client Infom www.pacelabs.com One Character per box. IDs MUST BE UNIQUE SAMPLE ID Address: 5 Technology Place, Suite 4 quested Due Date/TAT: Standard SAMPLES WILL ARRIVE IN Phone: 800.220.3069 Fax: None mail To: dshay@gesonline.com East Syracuse, New York 13057 SPECIFIC EDD NAME: Required Client Information: Company: GES - Syracuse Additional Comments: Section D (-' 16-0 'Z-V) Section A x4051 # WELL

E-File,(ALLQ020rev.3,31Mar05), 13Jun2005



# Appendix D – Data Usability Summary Report and Analytical Data



Groundwater & Environmental Services, Inc.

708 North Main Street, Suite 201 Blacksburg, VA 24060

T. 800.662.5067

August 13, 2021

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

RE: Data Usability Summary Report for National Grid- Rome Kingsley Avenue Site Data Packages Pace Analytical Job Nos. 30425402, 30425399

Groundwater & Environmental Services, Inc. (GES) reviewed two data packages (Laboratory Project Number 30425402, 30425399) from Pace Analytical Services, Inc., for the analysis of an effluent sample and trip blank collected June 9, 2021 as well as groundwater samples collected June 9, 2021 from monitoring wells located at the National Grid: Rome Kingsley Avenue Site. Sixteen aqueous samples and a field duplicate were analyzed for BTEX, PAHs, arsenic, lead, zinc, and total cyanide. The effluent system sample was processed for volatiles, eight metals, mercury, pH and total cyanide. Methodologies utilized are those of the USEPA 200.7, 245.1 and 335.4, SM 4500H+B, the USEPA SW846 methods 8260C/8270D (SIM) with additional QC requirements of the NYSDEC ASP.

The data are reported as part of a complete full deliverable type B data validation. This usability report is generated from review of the following:

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

The items listed above which show deficiencies are discussed within the text of this narrative.

All of the other items are determined to be acceptable for the DUSR level review.



# Table 1 – Data Qualifications

Sample ID	Qualifier	Analyte	Reason for qualification
Effluent	J	рН	Analyzed after holding time
	+L	Naphthalene	High MSD
	J	Acetone	Low RRF
	-ل	Cyanide	Low MS/MSD recovery

In summary, sample results are usable as reported, with non-compliances noted. The result for pH in all applicable samples was qualified by the laboratory as estimated due to the short hold time of 15 minutes. Qualifications are detailed in Table 1.

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

# **Custody Documentation**

• All samples arrived within the EPA acceptable range of  $4^{\circ}C \pm 2^{\circ}C$ .

# BTEX and TCL Volatiles by EPA 8260C/NYSDEC ASP

Sample holding times for groundwater and effluent samples and instrumental tune fragmentations are within acceptance ranges. Surrogate and internal standard recoveries are within required limits.

The relative response factor for acetone in the Initial calibration associated with the analysis of the effluent sample was below minimum requirements. Acetone is qualified as estimated in all associated samples. Calibrations standards show acceptable responses within analytical protocol and validation action limits with the exception of high recovery for bromomethane and chloroethane associated with the effluent and effluent QC samples. Neither compound was reported above detections limit; no qualification was required.

Matrix spike and matrix spike recoveries were within laboratory specified criteria with the following exceptions:

- For the MS/MSD associated with the effluent sample, recoveries were high in the below analytes:
  - 1,1,2,2-Tetrachloroethane
  - o 1,1,2-Trichloroethane
  - o 1,2-Dichloropropane
  - o Bromodichloromethane



- o Bromoform
- Carbon tetrachloride
- o Dibromochloromethane
- o Trichloroethene
- cis-1,3-Dichloropropene
- trans-1,3-Dichloropropene

There were no positive detections of the above analytes in the effluent sample, and the data is not affected.

# PAHs by EPA8270D/NYSDEC ASP

Holding times are met. Instrumental tune fragmentations are within acceptance ranges. Surrogate recoveries are within analytical and validation guidelines Blanks show no contamination. Calibration standards, both initial and continuing, show acceptable responses within analytical method protocols and validation guidelines with the following exceptions:

• High recoveries for Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene. There were no positive detections of these analytes in the samples; the high bias does not affect the data.

The blind field duplicate correlations of LTMW-S09 were not calculated, as there were no detections above reporting limit.

The laboratory control spike recoveries and precision indicate the method is within laboratory control, with the exception of a high recovery for Dibenz(a,h)anthracene. The samples were noddetect for this analyte, and the high bias does not affect reported results. Matrix spike and matrix spike recoveries were within laboratory specified criteria or, with the exception of a variety of high recoveries for analytes that did not have associated positive detections in the samples. Naphthalene in the effluent sample reported a high recovery in the MSD. The detected concentration for this analyte is qualified as estimated with a possible high bias

# Metals by EPA 200.7/EPA 245.3/NYSDEC ASP

The matrix spikes and post digestion spikes show acceptable accuracy and precision. Initial and continuing calibration recoveries were within criteria. CRDL Check standard recoveries were within criteria, and there was no indication of any interfering component affecting the data. The blind field duplicate correlations of LTMW-S09 were not calculated, as there were no detections above reporting limit.

Instrument performance is compliant, and blanks show no contamination above the reporting limit.

# Wet Chemistry-Total Cyanide by 9012B and pH

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All are acceptable for the validated sample. Calibration standard responses are compliant. Blanks show no detections above the reporting limits.



# SAMPLE SUMMARY

Project:National Grid - Rome KingsleyPace Project No.:30425402

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30425402001	EFFLUENT SYSTEM 0621	Water	06/09/21 08:45	06/11/21 09:20
30425402002	TRIP BLANK	Water	06/09/21 00:01	06/11/21 09:20



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

#### Method: EPA 200.7

Description:Metals (ICP) 200.7Client:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### **General Information:**

1 sample was analyzed for EPA 200.7 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### Continuing Calibration:

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

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

### Method: EPA 245.1

Description:Mercury 245.1Client:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### **General Information:**

1 sample was analyzed for EPA 245.1 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### Continuing Calibration:

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

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

#### Method: EPA 8270D by SIM

Description:8270D PAH SIM Reduced VolumeClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### General Information:

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

#### Hold Time:

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

#### Sample Preparation:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### **Continuing Calibration:**

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

QC Batch: 452567

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- BLANK (Lab ID: 2184903)
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene
- EFFLUENT SYSTEM 0621 (Lab ID: 30425402001)
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene
- LCS (Lab ID: 2184904)
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene
- MS (Lab ID: 2184909)
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene
- MSD (Lab ID: 2184910)
  - Dibenz(a,h)anthracene
  - Indeno(1,2,3-cd)pyrene

#### Internal Standards:

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

# Surrogates:

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

# Method Blank:

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



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

#### Method: EPA 8270D by SIM

Description:8270D PAH SIM Reduced VolumeClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

### Laboratory Control Spike:

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

QC Batch: 452567

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

• LCS (Lab ID: 2184904)

Dibenz(a,h)anthracene

#### Matrix Spikes:

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

#### QC Batch: 452567

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30425399016

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

- MS (Lab ID: 2184909)
  - Acenaphthene
  - Dibenz(a,h)anthracene
- MSD (Lab ID: 2184910)
  - Acenaphthene
  - Dibenz(a,h)anthracene
  - Naphthalene

**Additional Comments:** 



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

### Method: EPA 8260C

Description:8260C MSVClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### General Information:

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

#### Hold Time:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### Continuing Calibration:

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

QC Batch: 453135

- CL: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
  - BLANK (Lab ID: 2187554)
    - Bromomethane
    - Chloroethane
  - EFFLUENT SYSTEM 0621 (Lab ID: 30425402001)
    - Bromomethane
    - Chloroethane
  - LCS (Lab ID: 2187555)
    - Bromomethane
    - Chloroethane
  - MS (Lab ID: 2187556)
    - Bromomethane
    - Chloroethane
  - MSD (Lab ID: 2187557)
    - Bromomethane
    - Chloroethane
  - TRIP BLANK (Lab ID: 30425402002)
    - Bromomethane
    - Chloroethane

### Internal Standards:

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

#### Surrogates:

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

# Method Blank:

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



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

### Method: EPA 8260C

Description:8260C MSVClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

### Laboratory Control Spike:

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

#### Matrix Spikes:

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

QC Batch: 453135

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30425402001

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

- MS (Lab ID: 2187556)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - Bromodichloromethane
  - Bromoform
  - Carbon tetrachloride
  - Dibromochloromethane
  - Trichloroethene
  - cis-1,3-Dichloropropene
  - trans-1,3-Dichloropropene
- MSD (Lab ID: 2187557)
  - 1,1,2,2-Tetrachloroethane
  - 1,1,2-Trichloroethane
  - 1,2-Dichloropropane
  - Bromodichloromethane
  - Bromoform
  - Carbon tetrachloride
  - Dibromochloromethane
  - Trichloroethene
  - cis-1,3-Dichloropropene
  - trans-1,3-Dichloropropene

#### Additional Comments:

Analyte Comments:

QC Batch: 453135

- 1c: The analyte did not meet the method recommended minimum RF.
  - BLANK (Lab ID: 2187554)
    - Acetone
  - EFFLUENT SYSTEM 0621 (Lab ID: 30425402001)
    - Acetone
  - LCS (Lab ID: 2187555)
    - Acetone
  - MS (Lab ID: 2187556)
    - Acetone



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

Method:	EPA 8260C
Description:	8260C MSV
Client:	Groundwater & Environmental Services, Inc. (Syracuse)
Date:	June 23, 2021

Analyte Comments:

QC Batch: 453135

1c: The analyte did not meet the method recommended minimum RF.

• MSD (Lab ID: 2187557)

Acetone

• TRIP BLANK (Lab ID: 30425402002)

Acetone



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

### Method: SM 4500H+B-2011

Description:4500H+ pH, ElectrometricClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### General Information:

1 sample was analyzed for SM 4500H+B-2011 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

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

- H3: Sample was received or analysis requested beyond the recognized method holding time. • EFFLUENT SYSTEM 0621 (Lab ID: 30425402001)
- H6: Analysis initiated outside of the 15 minute EPA required holding time.
  EFFLUENT SYSTEM 0621 (Lab ID: 30425402001)

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### **Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

#### Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425402

#### Method: EPA 335.4

Description:335.4 Cyanide, TotalClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### **General Information:**

1 sample was analyzed for EPA 335.4 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

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

#### Sample Preparation:

The samples were prepared in accordance with EPA 335.4 with any exceptions noted below.

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### QC Batch: 453469

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30425402001

- ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
  - MS (Lab ID: 2189246)
  - Cyanide • MSD (Lab ID: 2189247)
    - Cyanide

#### Additional Comments:

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



Pace Analytical Services, LLC 1638 Roseytown Road - Suites 2,3,4 Greensburg, PA 15601 (724)850-5600

# SAMPLE SUMMARY

Project: National Grid - Rome Kingsley

Pace Project No.: 3

30425399

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30425399001	LTMW-D01-0621	Water	06/10/21 10:00	06/11/21 10:00
30425399002	LTMW-S01-0621	Water	06/10/21 09:25	06/11/21 10:00
30425399003	LTMW-D02-0621	Water	06/09/21 16:05	06/11/21 10:00
30425399004	LTMW-S02-0621	Water	06/09/21 16:45	06/11/21 10:00
30425399005	LTMW-D03-0621	Water	06/10/21 11:25	06/11/21 10:00
30425399006	LTMW-S03-0621	Water	06/10/21 10:45	06/11/21 10:00
30425399007	LTMW-D04-0621	Water	06/10/21 12:50	06/11/21 10:00
30425399008	LTMW-S04-0621	Water	06/10/21 12:10	06/11/21 10:00
30425399009	LTMW-D05-0621	Water	06/09/21 15:30	06/11/21 10:00
30425399010	LTMW-S05-0621	Water	06/09/21 14:45	06/11/21 10:00
30425399011	LTMW-D06-0621	Water	06/09/21 13:00	06/11/21 10:00
30425399012	LTMW-S06-0621	Water	06/09/21 13:40	06/11/21 10:00
30425399013	LTMW-S07-0621	Water	06/09/21 11:35	06/11/21 10:00
30425399014	LTMW-S08-0621	Water	06/09/21 12:20	06/11/21 10:00
30425399015	LTMW-S09-0621	Water	06/09/21 09:50	06/11/21 10:00
30425399016	LTMW-S10-0621	Water	06/09/21 10:30	06/11/21 10:00
30425399017	LTMW-S10-MS-0621	Water	06/09/21 10:30	06/11/21 10:00
30425399018	LTMW-S10-MSD-0621	Water	06/09/21 10:30	06/11/21 10:00
30425399019	FIELD DUPLICATE-0621	Water	06/09/21 00:01	06/11/21 10:00
30425399020	TRIP BLANK	Water	06/09/21 00:01	06/11/21 10:00



Project: National Grid - Rome Kingsley

Pace Project No.: 30425399

#### Method: EPA 200.7

Description:Metals (ICP) 200.7Client:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### **General Information:**

17 samples were analyzed for EPA 200.7 by Pace National Mt. Juliet. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### Continuing Calibration:

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

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425399

#### Method: EPA 8270D by SIM

Description:8270D PAH SIM Reduced VolumeClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### General Information:

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

#### Hold Time:

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

#### Sample Preparation:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### **Continuing Calibration:**

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

- QC Batch: 452567
  - CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
    - BLANK (Lab ID: 2184903)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - FIELD DUPLICATE-0621 (Lab ID: 30425399019)
      - Dibenz(a,h)anthracene
    - LCS (Lab ID: 2184904)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D01-0621 (Lab ID: 30425399001)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D02-0621 (Lab ID: 30425399003)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D03-0621 (Lab ID: 30425399005)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D04-0621 (Lab ID: 30425399007)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D05-0621 (Lab ID: 30425399009)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene
    - LTMW-D06-0621 (Lab ID: 30425399011)
      - Dibenz(a,h)anthracene
      - Indeno(1,2,3-cd)pyrene



Project: Pace Projec	t No.: 30425399
Method:	EPA 8270D by SIM
Description	I: 8270D PAH SIM Reduced Volume
Client:	Groundwater & Environmental Services, Inc. (Syracuse)
Date:	June 23, 2021
QC Batch: 4	52567
CH:	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high
•	LTMW-S01-0621 (Lab ID: 30425399002)
	• Dibenz(a.h)anthracene
	Indeno(1,2,3-cd)pyrene
•	LTMW-S02-0621 (Lab ID: 30425399004)
	• Dibenz(a, h)anthracene
	Indeno(1.2.3-cd)pyrene
•	LTMW-S03-0621 (Lab ID: 30425399006)
	• Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
•	LTMW-S04-0621 (Lab ID: 30425399008)
	• Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
•	LTMW-S05-0621 (Lab ID: 30425399010)
	Dibenz(a,h)anthracene
	Indeno(1.2.3-cd)     pyrene
•	LTMW-S06-0621 (Lab ID: 30425399012)
	• Dibenz(a,h)anthracene
	Indeno(1.2.3-cd)pyrene
•	LTMW-S07-0621 (Lab ID: 30425399013)
	Dibenz(a,h)anthracene
•	LTMW-S08-0621 (Lab ID: 30425399014)
	• Dibenz(a,h)anthracene
•	LTMW-S09-0621 (Lab ID: 30425399015)
	• Dibenz(a,h)anthracene
•	LTMW-S10-0621 (Lab ID: 30425399016)
	• Dibenz(a,h)anthracene
	Indeno(1.2.3-cd)pyrene
•	LTMW-S10-MS-0621 (Lab ID: 30425399017)
	• Dibenz(a,h)anthracene
	Indeno(1.2.3-cd)pyrene
•	LTMW-S10-MSD-0621 (Lab ID: 30425399018)
	Dibenz(a,h)anthracene
	• Indeno(1,2,3-cd)pyrene
•	MS (Lab ID: 2184909)
	• Dibenz(a,h)anthracene
	Indeno(1.2.3-cd)pyrene
•	MSD (Lab ID: 2184910)
	• Dibenz(a h)anthracene
	Indeno(1.2.3-cd)nyrene

#### Internal Standards:

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



Project: National Grid - Rome Kingsley

Pace Project No.: 30425399

### Method: EPA 8270D by SIM

Description:8270D PAH SIM Reduced VolumeClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

# Surrogates:

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

### Method Blank:

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

#### Laboratory Control Spike:

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

QC Batch: 452567

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2184904)
  - Dibenz(a,h)anthracene

### Matrix Spikes:

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

#### QC Batch: 452567

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30425399016

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

- MS (Lab ID: 2184909)
  - Acenaphthene
  - Dibenz(a,h)anthracene
- MSD (Lab ID: 2184910)
  - Acenaphthene
  - Dibenz(a,h)anthracene
  - Naphthalene

Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425399

### Method: EPA 8260C

Description:8260C MSVClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### General Information:

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

#### Hold Time:

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

#### Initial Calibrations (including MS Tune as applicable):

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

#### Continuing Calibration:

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

#### Internal Standards:

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

#### Surrogates:

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

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### Additional Comments:



Project: National Grid - Rome Kingsley

Pace Project No.: 30425399

#### Method: EPA 335.4

Description:335.4 Cyanide, TotalClient:Groundwater & Environmental Services, Inc. (Syracuse)Date:June 23, 2021

#### **General Information:**

19 samples were analyzed for EPA 335.4 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

#### Hold Time:

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

#### Sample Preparation:

The samples were prepared in accordance with EPA 335.4 with any exceptions noted below.

#### Method Blank:

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

#### Laboratory Control Spike:

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

#### Matrix Spikes:

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

#### **Additional Comments:**

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



The pH for the Effluent sample is qualified as estimated due to outlying holding time, as noted in the laboratory case narrative.

The recoveries for cyanide in the MS/MSD associated with the effluent reported low. Cyanide is qualified as estimated with a possible low bias in the effluent.

All other associated matrix spikes and/or laboratory duplicates of total cyanide show acceptable recoveries. Qualifications are noted in Table 1.

# Data Package Completeness

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

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

Sincerely,

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Bonnie Janowiak, Ph.D. Senior Chemist