



Consulting Engineers and Scientists

Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site

Town of Hempstead, Nassau County, New York Site ID #1-30-086

Submitted to:

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April 2021 Project 1905774



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Abbreviations, Acronyms, and Measurements

AWQS	Ambient Water Quality Standard or Guidance Value
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CAMP	Community Air Monitoring Plan
CFR	Code of Federal Regulations
DER	Division of Environmental Remediation
DNAPL	Dense Non-Aqueous Phase Liquid
DO	Dissolved Oxygen
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Accreditation Program
EWP	Excavation Work Plan
GEI	GEI Consultants, Inc., P.C.
HASP	Health and Safety Plan
IC	Institutional Control
IRM	Interim Remedial Measure
ISS	In-Situ Solidification
LIRR	Long Island Railroad
MGP	Manufactured Gas Plant
NAPL	Non-Aqueous Phase Liquid
National Grid	National Grid NY
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
PRR	Periodic Review Report
РАН	Polycyclic Aromatic Hydrocarbon
POB	Professional Office Building
ROW	Right-of-Way
Site	National Grid Former Hempstead MGP
SMP	Site Management Plan
SVI	Soil Vapor Intrusion
USEPA	United States Environmental Protection Agency
VGC	Village of Garden City
<u>Measurements</u>	
bgs	below ground surface
cy	cubic yards

ft	feet
mg/L	milligrams per liter
µg/L	micrograms per liter

Periodic Review Report Certification Statement

I, Jeffrey Parillo, certify that I am currently a New York State registered professional engineer and that this Periodic Review Report and all attachments were prepared under my direction. 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 generally accepted engineering practices; and that the information presented is accurate and complete.

For each institutional or engineering control identified for the Site, I certify that all the following statements are true:

- a) the institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER.
- b) nothing has occurred that would impair the ability of such control to protect public health and the environment.
- c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control.
- d) access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.



Jeffrey Parillo, P.E. GEI Consultants, In

GEI Consultants, Inc., P.C. New York State Professional Engineer License Number 0118801

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

April 26, 2021

Date

1. Introduction

This Periodic Review Report (PRR) was prepared by GEI Consultants, Inc., P.C. on behalf of National Grid NY (National Grid) to present the scope and results of the post-remediation monitoring activities conducted between March 28, 2020 and March 28, 2021 at the Former Hempstead Intersection Manufactured Gas Plant (MGP) site (the Site) located in Hempstead, New York. This PRR for this Site (NYSDEC Site #130086) is prepared in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) guidance document DER-10, Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010) and the Site Management Plan (SMP) (URS, 2017) for the Site. The 2020-2021 monitoring activities were conducted to evaluate the on-going performance and effectiveness of the Engineering Controls (ECs) and Institutional Controls (ICs) at the Site and in off-Site areas and consisted of the following:

- Monthly non-aqueous phase liquid (NAPL) monitoring and recovery at monitoring well HIMW-21.
- Quarterly oxygenation system monitoring. On October 24, 2019, the NYSDEC approved changing the frequency of the groundwater treatment performance monitoring of dissolved oxygen (DO) from monthly to quarterly. DO sampling was conducted in September and December 2020, as well as March 2021. DO sampling was not conducted during Q2 2020 due to the COVID-19 work restrictions imposed by New York State (Executive Order 202.6).
- Semi-annual groundwater monitoring in September/October 2020 and March 2021.
- Annual Site-wide inspection in March 2021.

Additional activities conducted during the current PRR period included:

- Quarterly Site checks.
- Monitoring well box modifications and resurveying

The 2020-2021 monitoring activities were performed in accordance with the NYSDECapproved Site Management Plan (SMP; URS, 2017) and subsequent modifications. These included 2019-2020's reduction to the groundwater sampling frequency and the inclusion of the sampling results in the PRR in lieu of the annual report formerly titled "*Annual*

Groundwater Sampling, NAPL Monitoring/ Recovery and Groundwater Treatment Performance Report" (National Grid 2018), and the modifications to the dissolved oxygen sampling program (Dissolved Oxygen Modification Request; National Grid 2019). The above-referenced modifications were approved by the NYSDEC on June 1, 2018 and October 24, 2019, respectively. The NYSDEC correspondence regarding the modification approvals are provided in **Appendix A**.

1.1 Site Location and Description

National Grid's corporate predecessor, KeySpan Corporation, entered into an Order on Consent (#D1-0001-98-11) with the NYSDEC to investigate and remediate MGP-related residuals at the Site and surrounding areas in the Villages of Hempstead and Garden City, in the Town of Hempstead, Nassau County, New York. The Site is generally bounded by Second Street to the north, an inactive Long Island Railroad (LIRR) Right-of-Way (ROW) to the east, Intersection Street to the south, and a Village of Garden City (VGC) municipal property to the west which contains a public parking lot, two public water supply wells, and a recharge basin that is used to service the water supply wells (**Fig. 1 and 2**). The area immediately surrounding the Site is developed with residential and commercial properties. The Site includes an active natural gas regulator station in the northwest corner of the property, storage areas used by National Grid and its contractors, and a storage area for new cars that is leased to a car dealership.

In addition to the Site, the following off-Site areas were subjected to soil remediation via excavation removal/backfill and in situ solidification (ISS):

- The VGC municipal property that is adjacent to and west of the Site.
- The parking lot of the Plaza 230 Professional Office Building (POB) that is south of the Site.
- Intersection Street ROW that is between the Site and the POB parking lot.
- The inactive LIRR ROW that is adjacent to and east of the Site.
- Oswego Oil Storage Terminal that is just north of Intersection Street and east of the Site.

These off-Site Areas are shown in **Fig. 2** and the Site and adjacent parcels are identified by the Section, Block, and Lot numbers in **Fig. 3**. Additional off-Site remedial activities include the installation and operation of two oxygenation systems that treat groundwater through oxygen delivery to the subsurface, the installation and sampling of monitoring wells located throughout the project area and the recovery of dense non-aqueous phase liquid (DNAPL).

1.2 Remedial Chronology

National Grid has performed two interim remedial measures (IRMs) and two remedial actions (one off-Site and one on-Site), which are summarized below.

- A "cut and plug" IRM was conducted in 1999 and 2000. Underground piping associated with historic MGP operations was located, cut, drained of any fluids, and plugged to limit the potential for any off-Site migration of MGP-related constituents.
- A second IRM was implemented in 2008 to excavate shallow MGP source materials from the Site and to recover DNAPL from groundwater. A total of 4,432 cubic yards (cy) of MGP-impacted soil and construction/demolition debris was transported to a licensed facility for off-Site treatment and disposal. MGP-impacted liquid (9,493 gallons) was containerized and transported to a licensed facility for off-Site treatment and disposal.
- As part of an off-Site remedial action remedial action, National Grid installed two • groundwater oxygenation systems downgradient of the Site (see Fig. 4). These systems are components of the full Site-wide remedy and inject oxygen to the downgradient groundwater plume. The primary objective of the off-Site groundwater oxygenation systems is to increase the level of DO in the groundwater to encourage aerobic bioremediation of organic contaminants. As contaminated groundwater flows through the treatment areas, the increased DO accelerates the rate at which the dissolved contaminant mass is bioremediated and the contaminant concentrations in groundwater decrease. System #1 was brought on-line in April 2011 and is located immediately south of the Site and runs generally east-west from Hilton Avenue to Sealy Avenue, in a neighborhood that includes residential and light commercial spaces, as well as a portion of the LIRR ROW. System #2 was brought on-line in October 2010 and is located in a primarily residential neighborhood about 500 ft to the south of System #1, running from Mirschel Park to Kensington Court.
- The on-Site remedial action (including portions of adjacent parcels as described in Section 1.1) was completed between 2011 and 2016 and included an excavation and ISS remedy addressing MGP source material on the Site and adjacent off-Site areas. Elements of the remedial action included:
 - 1. Excavation of MGP structures and shallow targeted MGP-impacted soil from the Site and treatment/disposal off-Site.
 - 2. Excavation of shallow clean soil and stockpile for later backfill.

- 3. Solidification of deeper targeted MGP source material beneath the Site using ISS.
- 4. Construction of an approximately 15-ft deep subsurface soil-crete retaining wall in the POB parking lot and in portions of Wendell Street and Intersection Street. The soil-crete wall consisted of soil mixed with a cement-based grout to provide concrete-like properties.
- 5. Excavation to approximately 15 ft below ground surface (bgs) within the soilcrete wall and stockpiling/reuse clean overburden soils and then solidification of deeper targeted MGP source material.
- 6. Solidification of targeted MGP source material in the VGC municipal property and the Oswego Oil Storage Terminal property.
- 7. Coverage of solidified material, known as a cover system, with approximately four feet of clean soil. Surface cover materials to prevent contact with solidified materials and remaining untreated contaminated soil at the Site and adjacent off-Site areas are as follows:
 - National Grid Property:
 - New York State Department of Transportation (NYSDOT) select stone cover (4 inches thick) in disturbed/work areas.
 - Asphalt pavement (for access roads and asphalt parking).
 - Select stone-lined swale (4 inches thick).
 - VGC Municipal Property:
 - Asphalt pavement (access roads and asphalt parking).
 - Landscaped area including:
 - Topsoil and grass vegetation.
 - Landscape strips with topsoil (6-inches)/grass, shrubs, and trees.
 - Wendell Street, Intersection Street, and Wydler Place:
 - Asphalt cover with concrete curbs, adjacent topsoil (6 inches)/grass strips, concrete sidewalks, and trees.
 - POB Parking Lot:
 - Asphalt paving.

- Curbed decorative gravel islands with trees.
- Oswego Oil Storage Terminal area where ISS was completed:
 - Four inches of asphaltic concrete on top of 4 inches of subbase course.

2. Institutional Control/Engineering Control (IC/EC) Plan Compliance

Since solidified material and remaining impacted soil and groundwater exists beneath the Site and in some off-Site areas, ICs and ECs exist to protect human health and the environment. The SMP includes provisions to protect human health and the environment from groundwater contamination in addition to managing the remaining soil contamination. The intent of this section is to provide a description of the IC/ECs in place for the Site and off-Site areas, the objective and status of each IC/EC, as well as to provide a mechanism used to monitor and enforce ICs and ECs, where appropriate.

2.1 Institutional Controls

A series of ICs is required by the Decision Document to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to MGP-related residuals by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Site to restricted residential use, as indicated in the Environmental Easement unless other future uses are approved by the NYSDEC. These ICs are as follows:

- Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of the SMP.
- Compliance with the Access Agreement.
- All ECs must be operated and maintained as specified in the SMP by National Grid.
- All ECs must be inspected and certified by National Grid or a contractor of National Grid at a frequency and in a manner defined in the SMP.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to site management must be reported by National Grid at the frequency and in a manner defined in the SMP.
- Site and off-Site area environmental monitoring including but not limited to, groundwater monitoring wells and oxygen injection points, must be maintained to ensure continued functioning in the manner specified in the SMP.

ICs may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

The Site has a series of ICs in the form of restrictions. Adherence to these ICs is required by the Environmental Easement on the Site. Restrictions that apply to the Site and off-Site areas as indicated below are as follows:

- Use of the Site is approved for restricted residential use. Any specific future development must comply with local laws and regulations.
- Use of groundwater underlying the Site or the other properties that were subjected to soil remediation via excavation removal/backfill and ISS (as described in Section 1.1) is prohibited without treatment to ensure it is safe for the intended use.
- All future activities on the Site or surrounding areas that were subjected to soil remediation via excavation removal/backfill and ISS that will disturb contaminated and/or solidified material must not be conducted unless they are conducted in accordance with the SMP and accompanying Excavation Work Plan (EWP).
- Implementation of a Health and Safety Plan (HASP) and EWP prior to any ground intrusive activity including but not limited to utility work, boring completion, monitoring well installation, and excavation; with the exception of normal landscaping (to a maximum of 24 inches below ground surface or top of the groundwater table, whichever is shallower).
- The potential for vapor intrusion must be evaluated for any new buildings proposed on the Site or at off-Site areas that were subjected to soil remediation via excavation removal/backfill and ISS, and any potential impacts that are identified must be monitored or mitigated.
- Written notification at least 60 days in advance for changes in use at the Site or to off-Site areas that were subjected to soil remediation via excavation removal/ backfill and ISS must be submitted to NYSDEC as per Part 375 and DER-10.
- Vegetable gardens and farming on the Site are prohibited.
- National Grid will submit to NYSDEC a written statement that certifies that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and

environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

2.2 Engineering Controls

The SMP lists the following ECs:

- Cover system.
- DNAPL monitoring and recovery.
- Operation of groundwater oxygenation systems.

A description of each of the ECs is provided below. Monitoring activities are discussed in subsequent sections.

2.2.1 Cover System

Contact with MGP-related residuals in soil and solidified material at the Site and adjacent off-Site areas is prevented by multiple cover systems. Locations of the various cover systems are provided in the SMP. The cover systems, exclusive of any underlying fill that was described earlier in Section 1.2, are comprised of asphalt pavement, concrete sidewalks, concrete slabs, select stone (gravel), or vegetated topsoil.

2.2.2 DNAPL Monitoring & Recovery

DNAPL is gauged monthly from one well in the off-Site area (HIMW-21). Recovery is conducted when DNAPL thickness reaches approximately 2.5 ft, which is significantly less than the 10-ft sump installed in the well. The collected DNAPL is transferred to a collection drum stored on-Site, and properly disposed of off-Site.

2.2.3 Oxygenation Systems

Remediation of the dissolved phase groundwater plume is addressed through the continued operation of the oxygenation treatment systems. Oxygen delivery is comprised of systems that deliver oxygen to the groundwater at rates determined to be sufficient to maintain aerobic conditions in the aquifer. Aerobic conditions allow naturally occurring bacteria to oxidize and break down contaminants into water and carbon dioxide. Systems are inspected on a monthly basis. During each monthly inspection, repairs and routine operation and

maintenance activities are performed. The dissolved oxygen levels are measured quarterly in monitoring wells installed adjacent to the delivery points to confirm that aerobic conditions are present.

System No. 1 was brought on-line in April 2011 and is located immediately south of the Site and runs generally east-west from Hilton Ave to the west to Sealy Ave to the east, in a neighborhood that includes residential and light commercial spaces, as well as a portion of the LIRR ROW. System No. 2 was brought on-line in October 2010 and is located in a primarily residential neighborhood about 500 ft to the south of System No. 1, running from Mirschel Park to the east to Kensington Court to the west. The location of the system is shown in **Fig. 4**.

2.3 IC/EC Plan Evaluation

The following Plans are applicable at the Site or to off-Site areas that were subjected to soil remediation via excavation removal/backfill and ISS, as outlined in the SMP.

2.3.1 Excavation Work Plan

Any future intrusive work (e.g., through drilling, trenching, excavation) that will penetrate, encounter or disturb the cover systems, or encounter or disturb solidified material and/or MGP-related residuals including any modifications or repairs to the existing cover systems, will be performed in compliance with the EWP included as Appendix B of the SMP. Should the monolith be breached, removed monolith material will be disposed off-Site as contaminated material, and provisions will be made to avoid ponding on the breached monolith surface. Adherence to these ICs on the Site is required by the Environmental Easement and will be implemented under the SMP.

Any work conducted pursuant to the EWP must also be conducted in accordance with a HASP and Community Air Monitoring Plan (CAMP) prepared for the Site, in accordance with DER-10, 29 Code of Federal Regulations (CFR) 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Any intrusive construction work will be performed in compliance with the EWP, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted under the SMP.

The affected property owner(s) and the contractor performing the excavation work are completely responsible for the safe performance of all invasive work, the structural integrity of excavations, the identification of any buried utilities within the excavation area and for structures that may be affected by excavations (such as building foundations and footings), and control of runoff from open excavations onto solidified material and/or MGP-related residuals. In addition, the property owner(s) will ensure that site development activities will not interfere with, or otherwise impair or compromise, the ECs described in the SMP.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any new enclosed structures on the Site or to off-Site areas that were subjected to soil remediation via excavation removal/backfill and ISS, a soil vapor intrusion (SVI) evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. The design of a new building foundation will also be considered in this type of evaluation. Alternatively, an SVI mitigation system and/or vapor barrier can be installed as an element of the building foundation without first conducting an investigation. The mitigation system would potentially include a vapor barrier and passive sub-slab venting system that is capable of being converted to an active system.

Prior to conducting an SVI investigation or installing a mitigation system, a work plan would be developed and submitted to the NYSDEC and New York State Department of Health (NYSDOH) for approval. This work plan would be developed in accordance with the most recent NYSDOH "Guidance for Evaluating Vapor Intrusion in the State of New York." Measures to be employed to mitigate potential vapor intrusion will be evaluated, selected, designed, installed, and maintained based on the SVI evaluation, the NYSDOH guidance, and construction details of the proposed structure.

2.3.3 Contingency Plan

The SMP includes a Contingency Plan to respond to emergencies including injury to personnel, fire or explosion, environmental release, or serious weather conditions. In the event of any emergency, the procedures detailed in the Contingency Plan Section of the SMP will be followed.

No emergencies occurred during the reporting period that required implementation or modification of the Contingency Plan.

2.3.4 Corrective Measures Plan

If any component of the remedy is found to be compromised, or if the periodic certification cannot be provided due to an issue with an institutional or engineering control, a Corrective Measures Plan will be submitted to the NYSDEC for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Plan until it is approved by the NYSDEC.

As no component of the remedy was found to be compromised during the reporting period, a Corrective Measures Plan was not required.

2.4 Inspections and Notifications

2.4.1 Inspections

Inspections of all remedial components and all ECs present at the Site and off-Site areas will be conducted at the frequency specified in the SMP Monitoring Plan schedule. A comprehensive Site-wide inspection will be conducted annually, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether ECs continue to perform as designed.
- If these controls continue to be protective of human health and the environment.
- Compliance with requirements of the SMP and the Environmental Easement/Access Agreement.
- Achievement of remedial performance criteria for groundwater.
- Sampling and analysis of appropriate media during monitoring events.
- If Site records are complete and up to date.
- Changes, or needed changes, to the ECs.

Inspections will be conducted in accordance with the procedures set forth in the SMP.

If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs, an inspection of the Site by a qualified environmental professional will be conducted within five days of the event to verify the effectiveness of the EC/ICs implemented at the Site or off-Site areas. If there are observed issues they will be documented.

2.4.2 Notifications

The following notifications will be submitted by the owner(s) of the properties subject to remediation (excavation and ISS) to National Grid and the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed changes in property use that are required under the terms of the Order on Consent, 6 NYCRR Part 375, and/or Environmental Conservation Law (ECL).
- 15-day advance notice of any proposed ground-intrusive activities pursuant to the EWP.

- Notice within 48 hours of any damage or defect to the foundations or structures that reduces or has the potential to reduce the effectiveness of other ECs and likewise any action to be taken to mitigate the damage or defect.
- Notice within 48 hours of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the Site of in off-Site areas, including a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to National Grid and the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.

National Grid will review and provide comments as appropriate on all planned ground-intrusive activities proposed on properties located within the limits of the areas covered by SMP. National Grid must have a full-time representative on-site per the Order on Consent during any ground-intrusive work activities and document compliance with the SMP.

Any change in the ownership of the properties subjected to remediation or the responsibility for implementing the SMP will include the following notifications:

- At least 60 days prior to the change, National Grid and the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the SMP, Access Agreement, and all approved work plans and reports.
- Within 15 days after the transfer of all or part of the property, the new owner's name, contact representative, and contact information will be confirmed in writing.

3. Monitoring Plan Activities and Compliance

3.1 Monitoring Plan Description

The Monitoring Plan is designed to evaluate the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site or in off-Site areas. The plan includes monitoring procedures for the three ECs and affected Site media. The monitoring program schedule and requirements are provided in **Tables 1** and **2**, respectively. The Monitoring Plan may only be revised with the approval of NYSDEC.

3.2 Site Inspections and Cover System Monitoring

An annual Site-wide inspection is required to ensure that the cover system continues to be effective at preventing direct exposure to residual contamination throughout the Site and affected off-Site areas. Inspections of remedial components will also be conducted when a breakdown of any component has occurred or whenever a severe condition has taken place, such as an erosion or flooding event that may affect the ECs.

The inspection will facilitate the compilation of sufficient information to assess the following:

- Whether ECs continue to perform as designed.
- If these controls continue to be protective of human health and the environment.
- Compliance with requirements of the SMP and the Environmental Easement/Access Agreement.
- Achievement of remedial performance criteria for groundwater.

No impacts or disturbances to the cover system were observed during the reporting period. GEI performed the annual Site-wide inspection on March 5, 2021. Since the ISS monolith is at least 4 ft below ground surface and is overlain by the soil backfill and cover, monitoring of the cover has been deemed sufficient for ISS monolith inspection.

In addition, GEI accessed the Site and off-Site areas monthly or quarterly (at a minimum) and no disturbances to the cover system were noted. The annual Site-wide inspection was documented on the inspection form presented in **Appendix B**.

Portions of the Site are being used for storage by National Grid and (through a lease) the adjacent automobile dealer through 2023. However, these uses have not impacted the surface cover integrity and its surfaces and thicknesses.

3.3 Reporting Period Monitoring

DNAPL and groundwater monitoring were conducted during the reporting period. Monitoring dates and other relevant information are provided in this section. DNAPL gauging and/or collection was performed at well HIMW-21 on:

- April 24, 2020 October 26, 2020
- May 15, 2020 November 23, 2020
- June 16, 2020 December 16, 2020
- July 14, 2020 January 19, 2021
- August 12, 2020 February 25, 2021
- September 17, 2020 March 25, 2021

3.3.1 Groundwater

Groundwater monitoring events consisting of depth-to-groundwater measurements and groundwater sampling are currently conducted semi-annually. On June 1, 2018, NYSDEC approved reducing the frequency of groundwater sampling from quarterly to semi-annually. **Table 2** lists the wells that are gauged for water level and presence of NAPL and/or sampled. Each groundwater sample is analyzed by a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory for benzene, toluene, ethylbenzene, and xylenes (BTEX) United States Environmental Protection Agency (USEPA) Method SW8260C and polycyclic aromatic hydrocarbon (PAHs) by USEPA Method SW8270D.

Groundwater sampling was performed at 30 wells on the following dates:

- Q3 2020 September 14, 15, 16, 17, and 18, 2020 and October 6, 2020
- Q1 2021 March 1, 2, 3, 4, and 5, 2021

Depth-to-groundwater measurements were taken from all accessible wells during each monitoring event identified above.

Data Usability Summary Reports (DUSRs) for groundwater samples collected in September and October 2020 and March 2021 are included as **Appendix C**.

3.4 Summary of Monitoring Results

The results of the depth-to-water measurements and NAPL gauging events for Q3 2020 and Q1 2021 are presented in **Tables 3** and **4**, respectively. The results of the DNAPL recovery from HIMW-21 are presented in **Table 5**. The results of the groundwater sampling analyses are presented in **Table 6** and in **Figs. 5** and **6**. Groundwater contour maps for the three depth zones for each sampling event are presented in **Figs. 7** through **12**.

During the reporting period, monitoring well HIMW-21 was gauged monthly for the presence of DNAPL. A total of approximately 7.1 gallons of DNAPL were recovered during the reporting period during four recovery events (August 12 and December 16, 2020 and January 19 and March 25, 2021). DNAPL recovery is performed in HIMW-21 when the measured thickness is greater than 2.5 ft, which is significantly below the sump length of 10 ft. HIMW-21 is the only remaining monitoring well with observed DNAPL.

Groundwater at the Site and at off-Site areas was determined to flow in a generally southerly direction. This is consistent with previous sampling events.

Exceedances of the NYSDEC Ambient Water Quality Standards (AWQS) were observed in five wells during the September and October 2020 and four wells during the March 2021 sampling event. The exceedances included BTEX compounds and select PAHs (acenaphthene and naphthalene) which were identified upgradient of Treatment System #1. No exceedances of the AWQS were identified downgradient of Treatment System #1.

The configuration of the plume as defined by concentrations of BTEX or PAHs above 100 μ g/L was generally similar in the two sampling events conducted during the current PRR period (**Figs. 5** and **6**). The plume was slightly narrower in width in the March 2021 sampling event due to significant reductions in monitoring well HIMW-26D. The data collected from the September and October 2020 and March 2021 sampling events show the plume has been reduced from previous sampling events, where it was shown to extend beyond Oxygenation System #1 (System #1). These reductions are likely due to the more consistent operation of System #1 during the current reporting period. The elevated concentrations of BTEX (650.5 μ g/L) and PAHs (1,688.6 μ g/L) previously detected in monitoring well HIMW-24 during the September 2018 sampling event were significantly reduced in subsequent sampling events and were non-detect in the September and October 2020 and March 2021 sampling events.

The remaining wells with elevated (>100 μ g/L) concentrations of BTEX or PAHs upgradient of Treatment System #1 during the reporting period include HIMW-05I, HIMW-05D, HIMW-26D, HIMW-27S, and HIMW-28S. Remaining wells with concentrations above 1,000 μ g/L were limited to PAH's in wells HIMW-05I, HIMW-05D, and HIMW-27S in at least one sampling event during the reporting period. Concentration trends in HIMW-26D

have generally been decreasing during the reporting period, while concentrations in HIMW-05I, HIMW-05D and HIMW-28S have been generally increasing, although all remained within their historical concentration range. The concentrations in HIMW-27S and HIMW-28S have been relatively stable.

The DO monitoring points near both System #1 and Oxygenation System #2 (System #2) were monitored quarterly. The DO concentrations have generally remained elevated as shown by the readings from April 2020 through March 2021 that are presented in **Table 7**. The DO concentrations downgradient of the two systems are shown in **Figs. 13** and **14**. Further discussion of the DO concentrations and the effectiveness of the oxygenation systems is provided in Section 4. The groundwater treatment system performance data for the above-referenced period is included as **Appendix D**.

Potentiometric heads and NAPL thickness measurements for September 2020 and March 2021 are presented in **Tables 3** and **4**, respectively. Potentiometric surface maps for shallow, intermediate, and deep groundwater zones were developed using this data and are shown in **Figs. 7** through **12** for the three monitoring events conducted during the reporting period. The data indicate that the direction of groundwater flow within the well field was south for shallow, intermediate, and deep-water bearing zones.

3.5 Well Box Replacement and Monitoring Well Survey

Several wells with damaged well boxes were repaired and resurveyed during the reporting period.

4. Operation and Maintenance Activities and Compliance

4.1 Oxygenation System Description

There are two oxygenation systems installed to enhance the groundwater oxygen concentrations in the groundwater plume (**Fig. 4**). The aerobic conditions allow bacteria to biologically degrade dissolved hydrocarbons, including BTEX and PAHs. System #1 is located along Smith Street, a portion of the LIRR ROW, and a portion of Hilton Avenue and began operation in April 2011. System #2 extends from Mirschel Park in the east to Kensington Court in the west and began operation in October 2010.

In May 2011, soon after the start-up of the two systems, the dissolved phase groundwater plume extended approximately 2,000 ft to the south of the Site, as shown in **Fig. 15** and extended over 3,600 ft prior to the implementation of remedial activities. The plume boundaries were defined by total BTEX and/or total PAH concentrations greater than 100 μ g/L. The locations and depths of the injection wells are presented in **Figs. 16** and **17** for Systems #1 and #2, respectively.

4.2 Operational Summary

Overall, the system operated efficiently during the reporting period with the exceptions noted below.

System #1 was not operational from September 26, 2020 to September 28, 2020 due to a power outage and from February 2, 2021 to March 1, 2021 due to a hose leak on the compressor that had to be replaced. The extended downtime was due to lead time to acquire the new hose.

System #2 was not operational for a total of 18 days in July, August, and September 2020 due to multiple power outages; approximately nine days in October and December 2020 due to power outages and a frozen dryer; and approximately 18 days in January, February, and March 2021 due to a frozen dryer.

A total of nine oxygen delivery wells (three in System #1 and five in System #2) have been taken offline due to low pressure which could be indicative of a leak within the delivery line or injection well head. Since the system has been successful at maintaining aerobic conditions within the aquifer and no rebound of contaminants have been noted in

groundwater, repairs to the oxygen delivery wells that are currently off are unnecessary at this time.

4.3 Summary of Oxygen Level Measurements

DO levels were measured quarterly for this reporting period, excluding Q2 2020 in which monitoring was not performed due COVID-19 work restrictions imposed by New York State. On October 24, 2019, the NYSDEC approved the change of monitoring frequency from monthly to quarterly. The monitoring locations are shown in **Figs. 16 and 17**.

The dissolved oxygen concentrations in wells downgradient of System #1 averaged between 10.7 milligrams per liter (mg/L) in Q1 2021 to a high of 25.8 mg/L during Q3 2020, with a cumulative average of 17.9 mg/L during the reporting period. The dissolved oxygen concentrations in wells downgradient of System #2 averaged between 11.5 mg/L in Q1 2021 to a high of 20.0 mg/L during Q3 2020, with a cumulative average of 16.1 mg/L during the reporting period. The Q1 2021 results in wells downgradient of System #1 and System #2 were below average for the reporting period possibly due to the downtime detailed above, but remained at adequate levels to maintain biodegradation. The results of the DO monitoring are presented in **Table 7** and shown in **Figs. 13** and **14**. **Appendix D** contains the oxygen injection operation and maintenance log sheets for the reporting period.

4.4 Evaluation of Effectiveness

Fig. 13 shows that oxygen concentrations for System #1 decreased in Q1 2021 due to the compressor hose leak. The aquifer remained under aerobic conditions during the downtime.

Fig. 14 shows that oxygen concentrations for System #2 decreased in Q1 2021 due to several shutdowns of the system caused by a frozen dryer. The aquifer remained under aerobic conditions during the downtime.

The two oxygenation systems remain effective in maintaining high oxygen concentrations in the groundwater. Concentrations of contaminants in groundwater also remained low as discussed in Section 3.4.

5. Overall PRR Conclusions and Recommendations

5.1 Compliance with SMP

National Grid has operated and maintained the Site in compliance with the SMP, excluding interruptions to the operation of the oxygenation systems. The systems required repairs which were subsequently conducted, allowing the resumption of system operation. The NYSDEC IC/ECs Certification Form is provided in Appendix E.

5.2 Performance and Effectiveness of Remedy

The ICs/ECs remain effective at this Site and in off-Site areas. The largest component of the remedy was the solidification of 168,600 cy of soil. While there is no direct monitoring of the monolith created by this solidification, it remains in place under cover materials. The cover system is unchanged, with no intrusive activities noted that penetrated the cover. Based on inspection of the off-Site area properties, which did not reveal any evidence of intrusive activities, the cover system is unchanged, and no intrusive activities took place that penetrated the cover system.

Due to the presence of residual contamination beneath the POB known as Plaza 230, and beneath the powerline running along the LIRR ROW, some dissolved phased contamination remains immediately downgradient of the solidified monolith. However, this contamination is effectively treated by System #1 as detailed below. During this reporting period, 7.1 gallons of NAPL were recovered from the one recovery well (HIMW-21) located near the POB. This well is located within an area inaccessible for ISS treatment.

The oxygenation systems have been effective in reducing the size and concentration of the downgradient plume. In contrast to the current plume extent shown in **Figs. 5** and **6**, the plume as it existed at the time of the start-up of the oxygenation systems (**Fig. 15**) has been reduced by approximately 2,000 ft. Further reductions (as great as 3,600 ft) are evident when compared to the pre-remedial extent. **Figs. 18 (A and B)** and **19 (A and B)** show total BTEX and total PAH concentrations (respectively) in all wells monitoring the plume downgradient of System #1. These charts use a logarithmic concentration scale to effectively show the wide range of concentrations observed in these wells. For the purposes of data presentation, non-detects are shown as a concentration of $1 \mu g/L$. These charts show there has been a clear decreasing trend in these wells since the startup of the two systems. This trend is especially clear in wells located farther downgradient including HIMW-13I and -13D, HIMW-14I, and HIMW-15I, that directly intercepted the plume. This trend is more

evident with BTEX than with PAHs. Historically, several wells located in between the two oxygenation systems, including HIMW-20I, HIMW-24 and HIMW-25, have shown significant variation in concentrations. These variations are likely related to the periods of operational downtime experienced with System #1. Prior to the extended period of downtime from June 2017 to February 2018, concentrations in the above-referenced wells were generally trending downward, with some variation noted in HIMW-24 which is located farthest from System #1. Increasing concentrations coinciding with and following the downtime period were noted. However, there were no exceedances of the AWQS in any monitoring wells downgradient of System #1 during the reporting period. The reinstallation and sampling of HIMW-12I, which is located downgradient of BTEX or PAHs in HIMW-12I or any other well located between the two oxygenation systems during the reporting period.

5.3 Recommendations

Continue performance monitoring in accordance with the SMP and subsequent NYSDECapproved modifications as described below.

The frequency of well HIMW-21 NAPL gauging (and if appropriate, NAPL collection) will continue at a monthly frequency. Groundwater sampling will be conducted semi-annually, and dissolved oxygen monitoring will be conducted quarterly as approved in the June 1, 2018 and October 24, 2019 letters from NYSDEC, respectively.

National Grid recommends that Oxygenation System #2 be shutdown based on the lack of groundwater exceedances of the AWQS downgradient of System #1 since Q3 2019 (HIMW-24). A request to shut down the system will be submitted separately to NYSDEC. The request will also include recommended criteria and procedures for post-shutdown monitoring, system restart (if the criteria are not met), and potential removal of the system after a specific duration (if the criteria are met).

6. References

- NYSDEC (2010). "DER-10 / Technical Guidance for Site Investigation and Remediation," May.
- URS Corporation (2017). "Site Management Plan for the Hempstead Intersection Street Former Manufactured Gas Plant Site, Villages of Hempstead & Garden City, Nassau County, New York," February.
- AECOM USA, Inc. (2019). "Periodic Review Report April 6, 2017 through February 28, 2019, Hempstead Intersection Street Former MGP Site," March.

Table 1 . Monitoring Program ScheduleHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

Monitoring/Inspection	Frequency	Analysis	Reporting Frequency
Cover System: Former MGP Area and LIRR ROW	Annually	none	Annually
Cover System: Village of Garden City Property	Annually	none	Annually
Cover System: Oswego Oil Storage Terminal Area	Annually	none	Annually
Cover System: Restored Roadway Areas	Annually	none	Annually
Cover System: POB Parking Lot	Annually	none	Annually
Groundwater Monitoring	Semi-Annually	Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) by USEPA Method 8260C and polycyclic aromatic hydrocarbons (PAHs) by USEPA Method 8270D	Annually
Groundwater level measurements and potentiometric surface map(s)	Semi-Annually	N/A	Annually
DNAPL Depth Gauging	Monthly	Depth	Annually
Freatment System Monitoring	Monthly/ Quarterly*	Dissolved Oxygen	Annually

Notes:

* On October 24, 2019, NYSDEC approved changing the frequency of dissolved oxygen sampling to quarterly.

N/A=Not Applicable

LIRR=Long Island Railroad

ROW=Right of Way

MGP=Manufactured Gas Plant

POB=Professional Office Building

Table 2. Monitoring RequirementsHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

Frequency		Semi-Annual		Monthly
Well Id	Water Level	NAPL Thickness	Water Quality	DNAPL Thickness
HIMW-03S	Х	Х	Х	
HIMW-03I	Х	Х	Х	
HIMW-03D	Х	Х	Х	
HIMW-04S	Х	Х		
HIMW-04I	Х	Х		
HIMW-04D	Х	Х		
HIMW-05S	Х	Х	Х	
HIMW-05I	Х	Х	Х	
HIMW-05D	Х	Х	Х	
HIMW-08S	Х	Х	Х	
HIMW-08I	Х	Х	Х	
HIMW-08D	Х	Х	Х	
HIMW-09S	X	X	· · ·	1
HIMW-091	X	X		1
HIMW-09D	X	X		
HIMW-10S	X	X		
HIMW-100	X	X		
HIMW-11S	X	X		
HIMW-11I	X	X		
HIMW-11D	X	X		
HIMW-12S	X	X	Х	
HIMW-123	X	X	X	
HIMW-12D*	^	^	~	
HIMW-12D	Х	Х	Х	
HIMW-135	X	X	X	
HIMW-13D	X	X	X	
-				
HIMW-14I	X	Х	X	
HIMW-14D	X	X	Х	_
HIMW-15I	X	Х	Х	_
HIMW-15D	X	X	X	
HIMW-20S	X	X	X	
HIMW-20I	X	X	Х	
HIMW-21	X	Х		Х
HIMW-22	X	Х	X	
HIMW-23	X	Х	Х	
HIMW-24	Х	Х	Х	
HIMW-25	Х	Х	Х	
HIMW-26I	Х	Х	X	
HIMW-26D	Х	Х	Х	
HIMW-27S	Х	Х	Х	
HIMW-27I	Х	Х	Х	
HIMW-28S	Х	Х	Х	
HIMW-28I	Х	Х	Х	
PZ-02	Х	Х		
PZ-03	Х	Х		
OSMW-02	Х	Х		
OSMW-03	Х	Х		1

Notes:

Field marked with "X" indicates that the activity is to be performed.

Blank field indicates that the activity not required.

MGP=Manufactured Gas Plant

*-Monitoring well abandoned

Table 3. Groundwater and NAPL Measurements Third Quarter 2020 Hempstead Intersection Street Former MGP Site National Grid Hempstead, New York

Well ID	Date	Elevation of TOR	Depth to LNAPL	Depth to Water	Depth to DNAPL	Well Depth	Thickness of LNAPL	Thickness of DNAPL	Corrected Potentiometric Head ⁽¹⁾
		[ft amsl]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft amsl]
HIMW-03S	9/18/2020	65.00	ND	18.89	ND	34.33	0	0.00	46.11
HIMW-03I	9/18/2020	64.94	ND	19.24	ND	85.00	0	0.00	45.70
HIMW-03D	9/18/2020	65.26	ND	19.76	ND	142.01	0	0.00	45.50
HIMW-04S	9/18/2020	72.02	ND	27.21	ND	42.67	0	0.00	44.81
HIMW-04I	9/18/2020	71.91	ND	27.41	ND	90.50	0	0.00	44.50
HIMW-04D	9/18/2020	71.78	ND	28.02	ND	176.98	0	0.00	43.76
HIMW-05S	9/18/2020	67.19	ND	21.55	ND	38.31	0	0.00	45.64
HIMW-05I	9/18/2020	67.22	ND	25.43	ND	90.49	0	0.00	41.79
HIMW-05D	9/18/2020	67.22	ND	27.55	ND	135.67	0	0.00	39.67
HIMW-08S	9/18/2020	64.03	ND	19.81	ND	36.88	0	0.00	44.22
HIMW-08I	9/18/2020	63.98	ND	19.77	ND	74.82	0	0.00	44.21
HIMW-08D	9/18/2020	63.97	ND	19.78	ND	114.40	0	0.00	44.19
HIMW-09S	9/18/2020	70.03	ND	24.27	ND	39.77	0	0.00	45.76
HIMW-09I	9/18/2020	69.93	ND	24.23	ND	80.49	0	0.00	45.70
HIMW-09D	9/18/2020	69.96	ND	24.31	ND	122.90	0	0.00	45.65
HIMW-10S	9/18/2020	70.07	ND	24.91	ND	39.30	0	0.00	45.16
HIMW-10I	9/18/2020	69.90	ND	24.71	ND	89.69	0	0.00	45.19
HIMW-11S	9/18/2020	70.60	24.06	25.34	ND	40.22	0.04	0.00	45.26
HIMW-11I	9/18/2020	70.43	ND	25.17	ND	93.22	0	0.00	45.26
HIMW-11D	9/18/2020	70.43	ND	25.17	ND	122.24	0	0.00	45.26
HIMW-12S	9/18/2020	60.52	ND	17.58	ND	33.10	0	0.00	42.94
HIMW-12I	9/18/2020	60.61	ND	17.61	ND	73.7	0	0.00	43.00
HIMW-12D	9/18/2020	61.82	NM	NM	NM	NM	NM	NM	NC
HIMW-13S	9/18/2020	72.58	ND	30.59	ND	48.47	0	0.00	41.99
HIMW-13I	9/18/2020	72.51	ND	30.54	ND	81.43	0	0.00	41.97
HIMW-13D	9/18/2020	72.47	ND	30.53	ND	121.93	0	0.00	41.94
HIMW-14I	9/18/2020	71.06	ND	29.77	ND	95.82	0	0.00	41.29
HIMW-14D	9/18/2020	70.85	ND	32.62	ND	151.82	0	0.00	38.23
HIMW-15I	9/18/2020	64.18	ND	26.90	ND	92.41	0	0.00	37.28
HIMW-15D	9/18/2020	63.96	ND	27.58	ND	152.00	0	0.00	36.38
HIMW-20S	9/18/2020	69.03	ND	25.24	ND	37.69	0	0.00	43.79
HIMW-20I	9/18/2020	68.88	ND	25.67	ND	74.74	0	0.00	43.21
HIMW-21	9/18/2020	64.36	ND	20.04	44.40	45.29	0	0.89	NC
HIMW-22	9/18/2020	74.07	ND	30.76	ND	64.41	0	0.00	43.31
HIMW-23	9/18/2020	74.41	ND	29.96	ND	75.11	0	0.00	44.45
HIMW-24	9/18/2020	59.83	ND	15.27	ND	54.88	0	0.00	44.56
HIMW-25	9/18/2020	61.32	ND	17.69	ND	52.11	0	0.00	43.63
HIMW-26I	9/18/2020	68.13	ND	24.85	ND	84.85	0	0.00	43.28
HIMW-26D	9/18/2020	68.02	ND	25.54	ND	137.80	0	0.00	42.48
HIMW-27S	9/18/2020	69.53	ND	24.51	ND	39.90	0	0.00	45.02
HIMW-27I	9/18/2020	68.96	ND	23.94	ND	69.92	0	0.00	45.02
HIMW-28S	9/18/2020	69.89	ND	24.54	ND	41.42	0	0.00	45.35
HIMW-28I	9/18/2020	69.67	ND	25.03	ND	71.41	0	0.00	44.64
PZ-02	9/18/2020	71.88	ND	25.69	ND	35.19	0	0.00	46.19
PZ-03	9/18/2020	63.82	ND	17.01	ND	30.66	0	0.00	46.81
OSMW-02	9/18/2020	71.59	ND	25.52	ND	45.19	0	0.00	46.07
OSMW-03	9/18/2020	71.39	ND	25.42	ND	44.70	0	0.00	45.97

Notes:

 $^{(1)}$ Potentiometric heads in wells containing LNAPL are corrected using a specific gravity = 0.96

TOR=Top of Riser

LNAPL=Light Non-Aqueous Phase Liquid

DNAPL=Dense Non-Aqueous Phase Liquid

ft bgs=feet below ground surface

ft amsl=feet above mean sea level

ND=Not Detected

NM=Not Measured

NC=Not Calculated

Table 4. Groundwater and NAPL Measurements First Quarter 2021 Hempstead Intersection Street Former MGP Site National Grid Hempstead, New York

HIMW-03S		of TOR	LNAPL	Water	DNAPL		Thickness of LNAPL	Thickness of DNAPL	Corrected Potentiometric Head ⁽¹⁾
HIMW-03S		[ft amsl]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft]	[ft amsl]
	3/04/2021	65.00	ND	18.19	ND	34.30	0	0.00	46.81
HIMW-03I	3/04/2021	64.94	ND	19.29	ND	85.31	0	0.00	45.65
HIMW-03D	3/04/2021	65.26	ND	19.01	ND	143.08	0	0.00	46.25
HIMW-04S	3/08/2021	72.02	ND	26.55	ND	41.73	0	0.00	45.47
HIMW-04I	3/08/2021	71.91	ND	26.70	ND	90.55	0	0.00	45.21
HIMW-04D	3/08/2021	71.78	ND	27.00	ND	177.95	0	0.00	44.78
HIMW-05S	3/03/2021	67.19	ND	20.98	ND	38.33	0	0.00	46.21
HIMW-05I	3/03/2021	67.22	ND	21.11	ND	90.47	0	0.00	46.11
HIMW-05D	3/03/2021	67.22	ND	21.57	ND	135.60	0	0.00	45.65
HIMW-08S	3/01/2021	64.03	ND	19.09	ND	36.87	0	0.00	44.94
HIMW-08I	3/01/2021	63.98	ND	19.22	ND	74.66	0	0.00	44.76
HIMW-08D	3/02/2021	63.97	ND	19.18	ND	116.44	0	0.00	44.79
HIMW-09S	3/08/2021	70.03	ND	23.89	ND	39.80	0	0.00	46.14
HIMW-09I	3/08/2021	69.93	ND	23.79	ND	80.53	0	0.00	46.14
HIMW-09D	3/08/2021	69.96	ND	23.72	ND	123.77	0	0.00	46.24
HIMW-10S	3/08/2021	70.07	ND	24.57	ND	39.39	0	0.00	45.50
HIMW-10I	3/08/2021	69.90	ND	24.34	ND	90.71	0	0.00	45.56
HIMW-11S	3/08/2021	70.60	ND	24.71	ND	40.31	0	0.00	45.89
HIMW-11I	3/08/2021	70.43	ND	24.57	ND	93.30	0	0.00	45.86
HIMW-11D	3/08/2021	70.43	ND	24.59	ND	122.31	0	0.00	45.84
HIMW-12S	3/03/2021	60.52	ND	16.94	ND	33.09	0	0.00	43.58
HIMW-12I	3/08/2021	60.61	ND	16.94	ND	73.70	0	0.00	43.67
HIMW-13S	3/03/2021	72.58	ND	30.02	ND	48.45	0	0.00	42.56
HIMW-13I	3/03/2021	72.51	ND	29.98	ND	81.45	0	0.00	42.53
HIMW-13D	3/03/2021	72.47	ND	29.96	ND	122.95	0	0.00	42.51
HIMW-14I	3/04/2021	71.06	ND	29.05	ND	94.65	0	0.00	42.01
HIMW-14D	3/04/2021	70.85	ND	30.82	ND	151.73	0	0.00	40.03
HIMW-15I	3/05/2021	64.18	ND	23.50	ND	92.41	0	0.00	40.68
HIMW-15D	3/05/2021	63.96	ND	25.63	ND	151.99	0	0.00	38.33
HIMW-20S	3/02/2021	69.03	ND	25.22	ND	37.82	0	0.00	43.81
HIMW-20I	3/02/2021	68.88	ND	25.03	ND	74.75	0	0.00	43.85
HIMW-21	3/03/2021	64.36	NM	NM	NM	NM	NM	NM	NC
HIMW-22	3/03/2021	74.07	ND	29.00	ND	64.50	0	0.00	45.07
HIMW-23	3/03/2021	74.41	ND	30.22	ND	75.21	0	0.00	44.19
HIMW-24	3/02/2021	59.83	ND	14.72	ND	54.72	0	0.00	45.11
HIMW-25	3/02/2021	61.32	ND	17.23	ND	52.23	0	0.00	44.09
HIMW-26I	3/03/2021	68.13	ND	22.97	ND	84.95	0	0.00	45.16
HIMW-26D	3/03/2021	68.02	ND	22.99	ND	137.58	0	0.00	45.03
HIMW-27S	3/01/2021	69.53	ND	23.82	ND	42.88	0	0.00	45.71
HIMW-27I	3/01/2021	68.96	ND	23.86	ND	72.82	0	0.00	45.10
HIMW-28S	3/01/2021	69.89	ND	24.26	ND	41.56	0	0.00	45.63
HIMW-28I	3/01/2021	69.67	ND	23.98	ND	71.46	0	0.00	45.69
PZ-02	3/08/2021	71.88	ND	25.01	ND	35.28	0	0.00	46.87
PZ-03	3/08/2021	63.82	ND	16.70	ND	29.89	0	0.00	47.12
OSMW-02	3/08/2021	71.59	NM	NM	NM	NM	NM	NM	NC
OSMW-03	3/08/2021	71.39	ND	24.96	ND	45.25	0	0.00	46.43

Notes:

⁽¹⁾ Potentiometric heads in wells containing LNAPL are corrected using a specific gravity = 0.96

TOR=Top of Riser

LNAPL=Light Non-Aqueous Phase Liquid

DNAPL=Dense Non-Aqueous Phase Liquid

ft bgs=feet below ground surface

ft amsl=feet above mean sea level ND=Not Detected

NM=Not Measured

Table 5. NAPL Gauging and RecoveryHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

		Well ID: HIMW-02	21	
Date	Thickness of LNAPL (feet)	Thickness of DNAPL (feet)	Volume of NAPL Removed ⁽¹⁾ (gallons)	Total Product Volum Recovered During PRR Period (gallons
April 24, 2020	ND	1.94	0.0	0.0
May 15, 2020	NR	NR	0.0	0.0
June 16, 2020	ND	1.95	0.0	0.0
July 14, 2020	ND	2.43	0.0	0.0
August 12, 2020	ND	2.64	0.8	0.8
September 17,2020	ND	0.86	0.0	0.8
October 26, 2020	ND	1.41	0.0	0.8
November 23, 2020	ND	2.62	0.0	0.8
December 16, 2020	ND	2.89	1.0	1.8
January 19, 2021	ND	3.49	2.3	4.1
February 25, 2021	ND	3.82	0.0	4.1
March 25, 2021	ND	5.30	3.0	7.1
	Total Volume of N	NAPL Recovered fi	rom April 2007 to Q1 2020	864.6
		Total Volume of	NAPL Recovered To-Date	871.7

Notes:

MGP=Manufactured Gas Plant

⁽¹⁾ Volume of product recovered was estimated by using the markings on a five gallon bucket.

LNAPL=Light Non-Aqueous Phase Liquid

DNAPL=Dense Non-Aqueous Phase Liquid

PRR=Periodic Review Report

ND=NAPL Not Detected NC=Not Collected

Table 6. Groundwater Analytical ResultsHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

			Sample Name Sample Date	HIMW-03S 9/14/2020	HIMW-03S 3/4/2021	HIMW-03I 9/14/2020	DUP-01 9/14/2020	HIMW-03I 3/4/2021	HIMW-03D 9/14/2020	HIMW-03D 3/4/2021	HIMW-05S 9/17/2020	HIMW-05S 3/3/2021	HIMW-05I 9/16/2020	HIMW-05I 3/3/2021
			Parent Sample				H1MW-03I							
Analyte	Units	CAS No.	NYS AWQS											
BTEX	ug/L													
Benzene		71-43-2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		108-88-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.53 J
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.65 J
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	23	42
Total BTEX (ND=0)		TBTEX_ND0	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	23	43.18
PAH17	ug/L													
Acenaphthene		83-32-9	20*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.8 J	9.9 J
Acenaphthylene		208-96-8	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	78	140
Anthracene		120-12-7	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	50 U
Benzo(a)anthracene		56-55-3	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	5 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4 UJ	10 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	5 U
Benzo(g,h,i)perylene		191-24-2	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	50 UJ
Benzo(a)pyrene		50-32-8	ND	1 U	1 U*	1 U	1 U	1 U*	1 U	1 U*	1 U	1 U	2 U	5 U
Chrysene		218-01-9	0.002*	2 U	10 U	2 U	2 U	10 U	2 U	10 U	2 U	10 U	4 U	50 U
Dibenz(a,h)anthracene		53-70-3	NE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	5 UJ
Fluoranthene		206-44-0	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	50 U
Fluorene		86-73-7	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15 J	24 J
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	4 U	10 UJ
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	33	120
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	0.83 J	230	780
Phenanthrene		85-01-8	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.1 J	17 J
Pyrene		129-00-0	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	50 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	ND	ND	ND	ND	ND	ND	ND	ND	0.83	369.9	1090.9

Table 6. Groundwater Analytical ResultsHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

			Sample Name Sample Date	HIMW-05D 9/16/2020	HIMW-05D 3/3/2021	HIMW-08S 9/16/2020	HIMW-08S 3/1/2021	HIMW-08I 9/16/2020	HIMW-08I 3/1/2021	HIMW-08D 9/16/2020	HIMW-08D 3/2/2021	HIMW-12S 9/16/2020	HIMW-12S 3/3/2021	HIMW-12I 10/6/2020
			Parent Sample	0/10/2020	0/0/2021	0/10/2020	0/ 1/2021	0,10,2020	0/ 1/2021	0,10,2020	0/2/2021	0/10/2020	0/0/2021	10/0/2020
Analyte	Units	CAS No.	NYS AWQS											
BTEX	ug/L													
Benzene		71-43-2	1	1 U	1 U	1 U	0.89 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		108-88-3	5	6.5	6.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		1330-20-7	5	94	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	100.5	116.2	ND	0.89	ND	ND	ND	ND	ND	ND	ND
PAH17	ug/L													
Acenaphthene		83-32-9	20*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene		208-96-8	NE	23 J	50 J	10 U	10 U	10 U						
Anthracene		120-12-7	50*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		56-55-3	0.002*	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	10 UJ	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	50 U	100 U	10 U	10 UJ	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		50-32-8	ND	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene		218-01-9	0.002*	10 U	100 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U	10 U	2 U
Dibenz(a,h)anthracene		53-70-3	NE	5 U	10 U	1 U	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Fluoranthene		206-44-0	50*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		86-73-7	50*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	10 U	20 U	2 U	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene		91-57-6	NE	52	150	10 U	10 U	10 U						
Naphthalene		91-20-3	10*	590	1200	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenanthrene		85-01-8	50*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		129-00-0	50*	50 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	665	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Groundwater Analytical ResultsHempstead Intersection Street Former MGP SiteNational GridHempstead, New York

			Sample Name	HIMW-12IR	HIMW-13S	HIMW-13S	HIMW-13I	HIMW-13I	HIMW-13D	DUP-02	HIMW-13D	HIMW-14I	HIMW-14I	DUP-02
			Sample Date Parent Sample	3/3/2021	9/14/2020	3/3/2021	9/14/2020	3/3/2021	9/14/2020	9/14/2020 H1MW-13D	3/3/2021	9/15/2020	3/4/2021	3/4/2021 HIMW-14I
Analyte	Units	CAS No.	NYS AWQS											11111144-141
BTEX	ug/L													
Benzene	Ŭ	71-43-2	1	1 U	1 U	1 U	1 U	1 U	0.91 J	0.93 J	0.56 J	0.46 J	0.58 J	0.52 J
Toluene		108-88-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	ND	ND	ND	ND	ND	0.91	0.93	0.56	0.46	0.58	0.52
PAH17	ug/L													
Acenaphthene		83-32-9	20*	10 U	10 U	10 U	10 U	10 U	4.9 J	5.3 J	10 U	2.6 J	4.3 J	4.5 J
Acenaphthylene		208-96-8	NE	10 U	10 U	10 U	10 U	10 U	8.2 J	9.7 J	10 U	3.4 J	4.2 J	4.1 J
Anthracene		120-12-7	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene		56-55-3	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Benzo(a)pyrene		50-32-8	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene		218-01-9	0.002*	10 U	2 U	10 U	2 U	10 U	2 U	2 U	10 U	2 U	10 U	10 U
Dibenz(a,h)anthracene		53-70-3	NE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
Fluoranthene		206-44-0	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		86-73-7	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1.1 J	1 J
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenanthrene		85-01-8	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U	10 U
Pyrene		129-00-0	50*	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	ND	ND	ND	ND	ND	13.1	15	ND	8.1	9.6	9.6

			Sample Name Sample Date	HIMW-14D 9/15/2020	HIMW-14D 3/4/2021	HIMW-15I 9/16/2020	HIMW-15I 3/5/2021	HIMW-15D 9/16/2020	HIMW-15D 3/5/2021	HIMW-20S 9/17/2020	HIMW-20S 3/2/2021	HIMW-20I 9/17/2020	HIMW-20I 3/2/2021	HIMW-22 9/16/2020
			Parent Sample											
Analyte	Units	CAS No.	NYS AWQS											
BTEX	ug/L													
Benzene		71-43-2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		108-88-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	ND	ND	ND								
PAH17	ug/L													
Acenaphthene		83-32-9	20*	10 U	10 U	10 U								
Acenaphthylene		208-96-8	NE	10 U	10 U	1.1 J	0.83 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		120-12-7	50*	10 U	10 U	10 U								
Benzo(a)anthracene		56-55-3	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	10 UJ	10 U	10 U	10 U	10 U						
Benzo(a)pyrene		50-32-8	ND	1 U	1 U	1 U	1 U*	1 U	1 U*	1 U	1 U	1 U	1 U	1 U
Chrysene		218-01-9	0.002*	2 U	10 U	2 U								
Dibenz(a,h)anthracene		53-70-3	NE	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene		206-44-0	50*	10 U	10 U	10 U								
Fluorene		86-73-7	50*	10 U	10 U	10 U								
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U								
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenanthrene		85-01-8	50*	10 U	10 U	10 U								
Pyrene		129-00-0	50*	10 UJ	10 U	10 U	10 U	10 U						
Total PAH (17) (ND=0)		TPAH17_ND0	NE	ND	ND	1.1	0.83	ND	ND	ND	ND	ND	ND	ND

			Sample Name Sample Date	HIMW-22 3/3/2021	HIMW-23 9/16/2020	HIMW-23 3/3/2021	HIMW-24 9/16/2020	HIMW-24 3/2/2021	HIMW-25 9/16/2020	HIMW-25 3/2/2021	HIMW-26I 9/16/2020	HIMW-26I 3/3/2021	HIMW-26D 9/17/2020	HIMW-26D 3/3/2021
			Parent Sample											
Analyte	Units	CAS No.	NYS AWQS											
BTEX	ug/L													
Benzene		71-43-2	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene		108-88-3	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.48 J	1 U
Ethylbenzene		100-41-4	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylene		1330-20-7	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	22	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.48	ND
PAH17	ug/L													
Acenaphthene		83-32-9	20*	10 U	10 U	10 U	8.4 J	10 U						
Acenaphthylene		208-96-8	NE	10 U	10 U	10 U	100	10 U						
Anthracene		120-12-7	50*	10 U	10 U	10 U	40 U	10 U						
Benzo(a)anthracene		56-55-3	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	8 UJ	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	10 U	10 U	10 U	40 U	10 U						
Benzo(a)pyrene		50-32-8	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Chrysene		218-01-9	0.002*	10 U	2 U	10 U	8 U	10 U						
Dibenz(a,h)anthracene		53-70-3	NE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4 U	1 U
Fluoranthene		206-44-0	50*	10 U	10 U	10 U	40 U	10 U						
Fluorene		86-73-7	50*	10 U	10 U	10 U	23 J	10 U						
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	8 U	2 U
2-Methylnaphthalene		91-57-6	NE	10 U	10 U	10 U	280	10 U						
Naphthalene		91-20-3	10*	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	450	2 U
Phenanthrene		85-01-8	50*	10 U	10 U	10 U	19 J	10 U						
Pyrene		129-00-0	50*	10 U	10 U	10 U	40 U	10 U						
Total PAH (17) (ND=0)		TPAH17_ND0	NE	ND	ND	ND	ND	ND	ND	ND	ND	ND	880.4	ND

			Sample Name Sample Date		HIMW-27S 3/1/2021	HIMW-27I 9/15/2020	HIMW-27I 3/1/2021	HIMW-28S 9/15/2020	HIMW-28S 3/1/2021	HIMW-28I 9/15/2020	HIMW-28I 3/1/2021
			Parent Sample								
Analyte	Units	CAS No.	NYS AWQS								
BTEX	ug/L										
Benzene		71-43-2	1	7.1	9.3 J	1 U	1 U	3	3.6 J	1 U	1 U
Toluene		108-88-3	5	12	14 J	1 U	1 U	2.6	3.2 J	1 U	1 U
Ethylbenzene		100-41-4	5	400	440 J	1 U	0.35 J	140	160 J	0.33 J	1 U
Total Xylene		1330-20-7	5	440	410 J	2 U	2 U	14	15 J	2 U	2 U
Total BTEX (ND=0)		TBTEX_ND0	NE	859.1	873.3	ND	0.35	159.6	181.8	0.33	ND
PAH17	ug/L										
Acenaphthene		83-32-9	20*	77 J	84 J	10 U	10 U	33 J	24 J	10 U	10 U
Acenaphthylene		208-96-8	NE	100 U	100 U	10 U	10 U	50 U	50 UJ	10 U	10 U
Anthracene		120-12-7	50*	100 U	100 U	10 U	10 U	3.3 J	50 UJ	10 U	10 U
Benzo(a)anthracene		56-55-3	0.002*	10 U	10 U	1 U	1 U	5 U	5 UJ	1 U	1 U
Benzo(b)fluoranthene		205-99-2	0.002*	20 U	20 U	2 U	2 U	10 U	10 UJ	2 U	2 U
Benzo(k)fluoranthene		207-08-9	0.002*	10 U	10 U	1 U	1 U	5 U	5 UJ	1 U	1 U
Benzo(g,h,i)perylene		191-24-2	NE	100 UJ	100 UJ	10 UJ	10 UJ	50 UJ	50 UJ	10 UJ	10 UJ
Benzo(a)pyrene		50-32-8	ND	10 U	10 U	1 U	1 U	5 U	5 UJ	1 U	1 U
Chrysene		218-01-9	0.002*	20 U	100 U	2 U	10 U	10 U	50 UJ	2 U	10 U
Dibenz(a,h)anthracene		53-70-3	NE	10 UJ	10 UJ	1 UJ	1 UJ	5 UJ	5 UJ	1 UJ	1 UJ
Fluoranthene		206-44-0	50*	100 U	100 U	10 U	10 U	50 U	50 UJ	10 U	10 U
Fluorene		86-73-7	50*	32 J	38 J	10 U	10 U	16 J	18 J	10 U	10 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.002*	20 UJ	20 UJ	2 UJ	2 UJ	10 UJ	10 UJ	2 UJ	2 UJ
2-Methylnaphthalene		91-57-6	NE	280	290	10 U	1.5 J	88	54 J	10 U	10 U
Naphthalene		91-20-3	10*	970	1100	2 U	0.86 J	340	230 J	2 U	2 U
Phenanthrene		85-01-8	50*	33 J	40 J	10 U	10 U	19 J	17 J	10 U	10 U
Pyrene		129-00-0	50*	100 UJ	100 U	10 UJ	10 U	50 UJ	50 UJ	10 UJ	10 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1392	1552	ND	2.36	499.3	343	ND	ND

DUP-01 3/1/2021 HIMW-28I
1 U
1 U
1 U
2 U
ND
10 U
10 U
10 U
1 U
2 U
1 U
10 UJ
1 U
10 U
1 U
10 U
10 U
2 U
10 U
2 U
10 U
10 U
ND
NU

Notes:

MGP = Manufactured Gas Plant μg/L = micrograms per liter or parts per billion (ppb) BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes PAH = Polycyclic Aromatic Hydrocarbon

Total BTEX and Total PAHs are calculated using detects only.

Total PAH17 is calculated using the list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, 2-Methylnaphthalene, Phenanthrene, and Pyrene

NYS AWQS = New York State Ambient Water Quality Standards and Guidance Values for GA groundwater * indicates the value is a guidance value and not a standard

CAS No. = Chemical Abstracts Service Number ND = Not Detected NE = Not Established

Bolding indicates a detected result concentration Gray shading and bolding indicates that the detected result value exceeds the NYS AWQS

Table 7. Groundwater Treatment Performance Monitoring, April 2020 - March 2021Hempstead Intersection Street Former MGP SiteNational GridHempstead, New York

	Q2 2020 April		Q3 2	2020	Q4 2	2020	Q1 2	2021
			September 14-18		Decemb	er 14-16	March 1-5	
ID	DTW (ft)	DO (mg/L)	DTW (ft)	_{ро} (mg/L)	DTW (ft)	DO (mg/L)	DTW (ft)	DO (mg/L)
MP-1-1S	NM	NM	26.73	30	26.82	15	26.18	6
MP-1-1D	NM	NM	26.71	25	26.75	19	26.15	9
MP-1-2S	NM	NM	21.17	17	21.35	17	20.69	7
MP-1-2D	NM	NM	21.16	29	21.15	21	20.50	9
MP-1-3S	NM	NM	19.2	27	19.18	12	18.55	10
MP-1-3D	NM	NM	19.12	22	19.2	22	18.62	7
MP-1-4S	NM	NM	21.73	25	21.89	16	21.19	5
MP-1-4D	NM	NM	21.89	27	22.03	21	21.27	15
MP-1-5	NM	NM	26.52	32	26.53	20	25.97	12
MP-1-6	NM	NM	18.58	21	18.6	21	18.1	8
MP-1-7	NM	NM	21.87	28	23.17	17	21.41	20
MP-1-8	NM	NM	23.09	21	23.39	9	22.88	15

System #1

System #2

	Q2 2020 April		Q3 2	2020	Q4 2	2020	Q1 2021		
			September 14-18		Decemb	er 14-16	March 1-5		
ID	DTW (ft)	DO (mg/L)	DTW (ft)	DO (mg/L)	DTW (ft)	DO (mg/L)	DTW (ft)	DO (mg/L)	
MP-2-1	NM	NM	29.62	22	21.65	17	29.06	16	
MP-2-2	NM	NM	31.07	13	31.21	26	30.41	4	
MP-2-3S	NM	NM	30.89	28	31.03	17	30.29	14	
MP-2-3D	NM	NM	31.03	18	31.17	14	30.54	13	
MP-2-4	NM	NM	19.62	27	21.65	12	18.88	11	
MP-2-5	NM	NM	17.81	12	17.83	14	17.13	11	

Notes:

On October 24, 2019, NYSDEC approved changing the frequency of dissolved oxygen sampling to quarterly.

⁽¹⁾ DO Headspace monitor oxygen detection limit is 40.0%; normal oxygen level in air is 20.9% MGP=Manufactured Gas Plant

DTW=Depth to water (feet)

O₂=Oxygen measurement of well headspace (percent oxygen)

PID=Photoionization Detector measurement of well headspace (parts per million)

DO=Dissolved Oxygen concentration (percent of milligrams per liter)

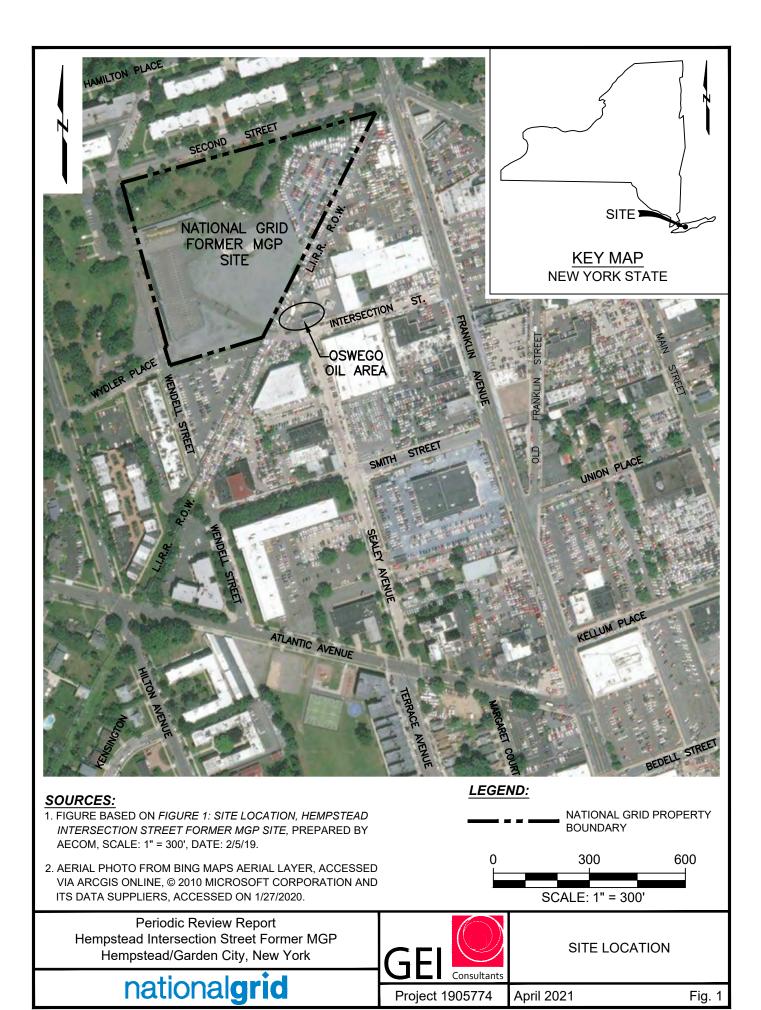
NM=Not Measured

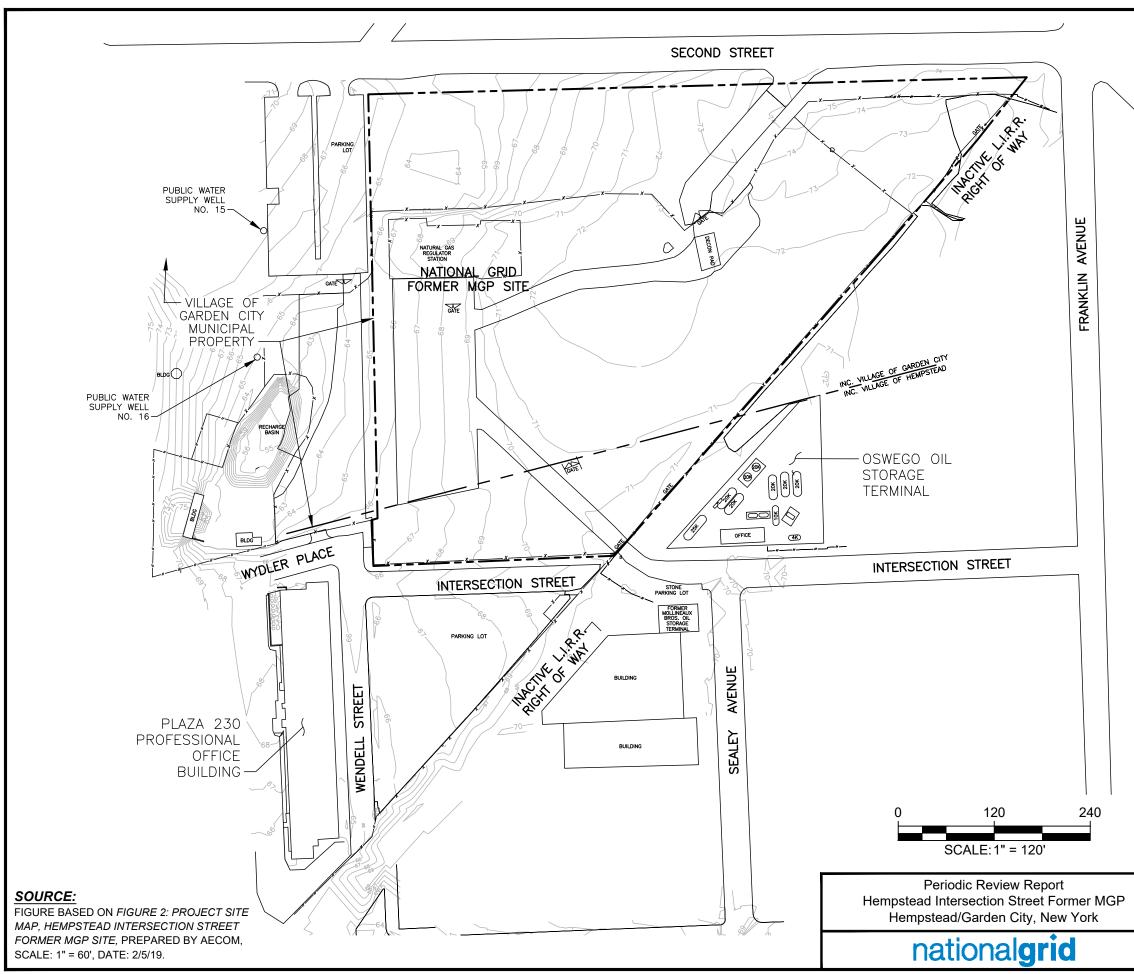
NA=Not Accessible

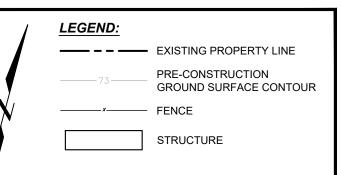
ppm=parts per million

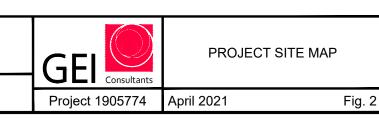
mg/L=milligrams per liter

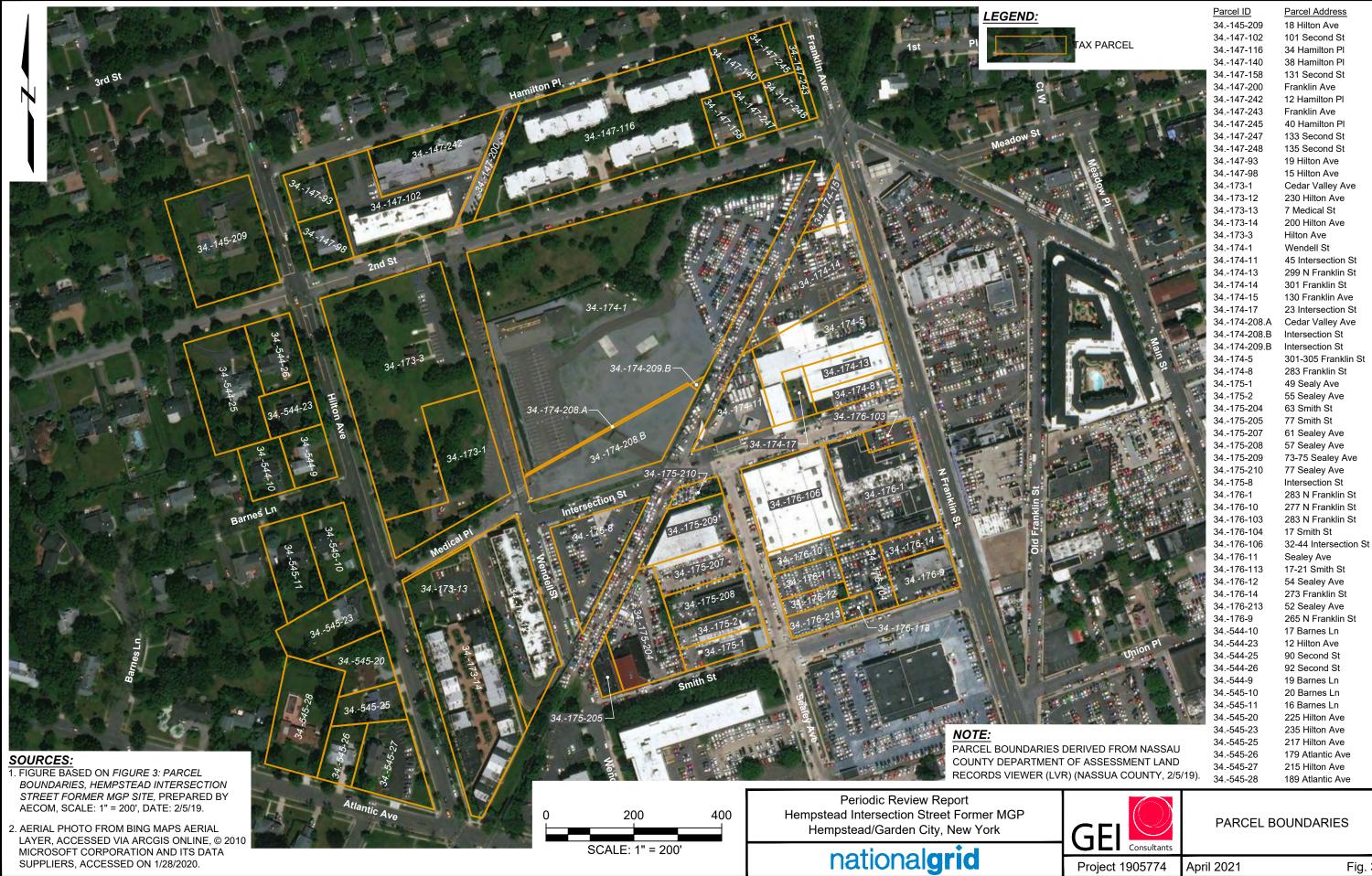
ft=feet







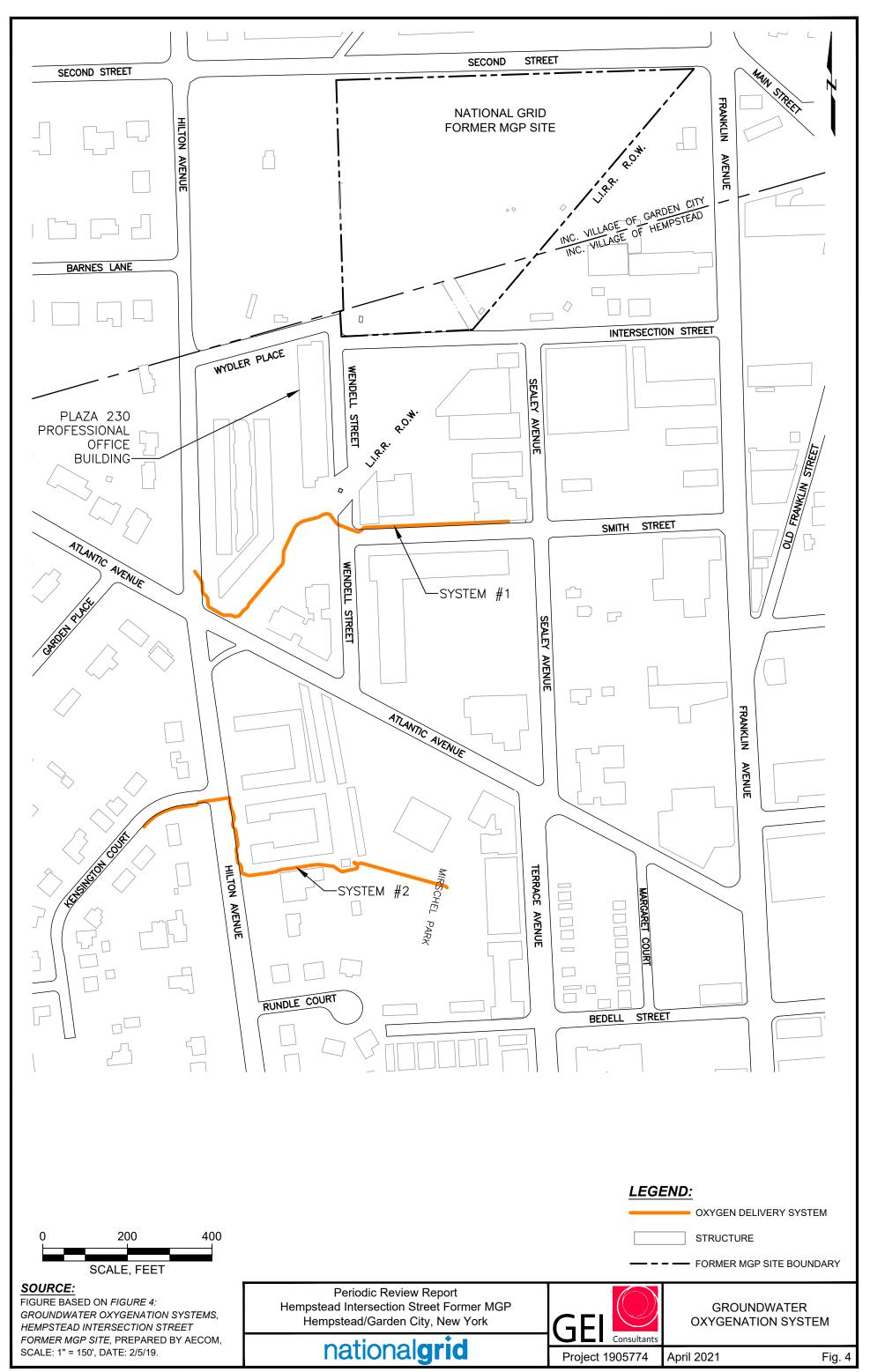


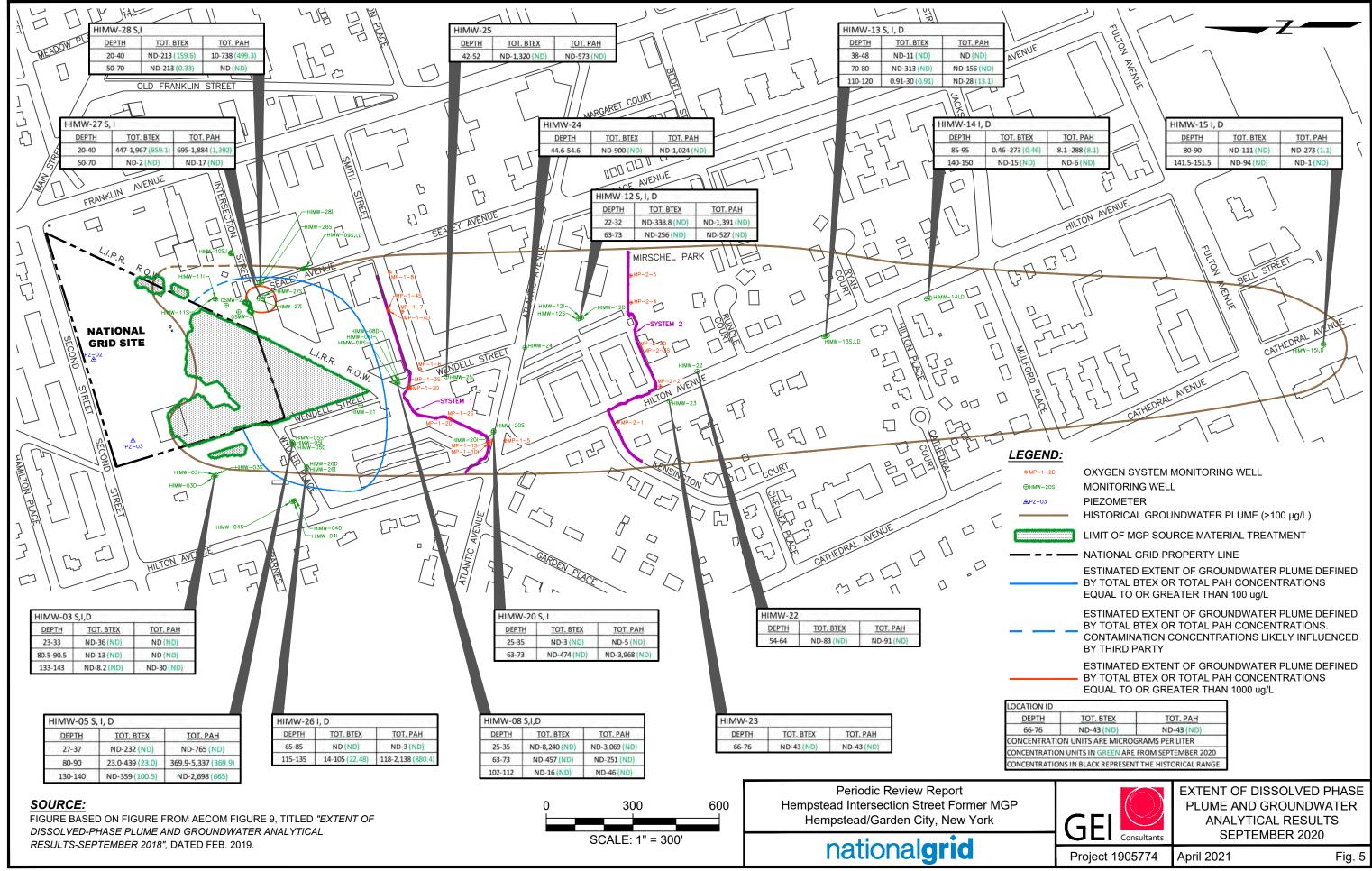


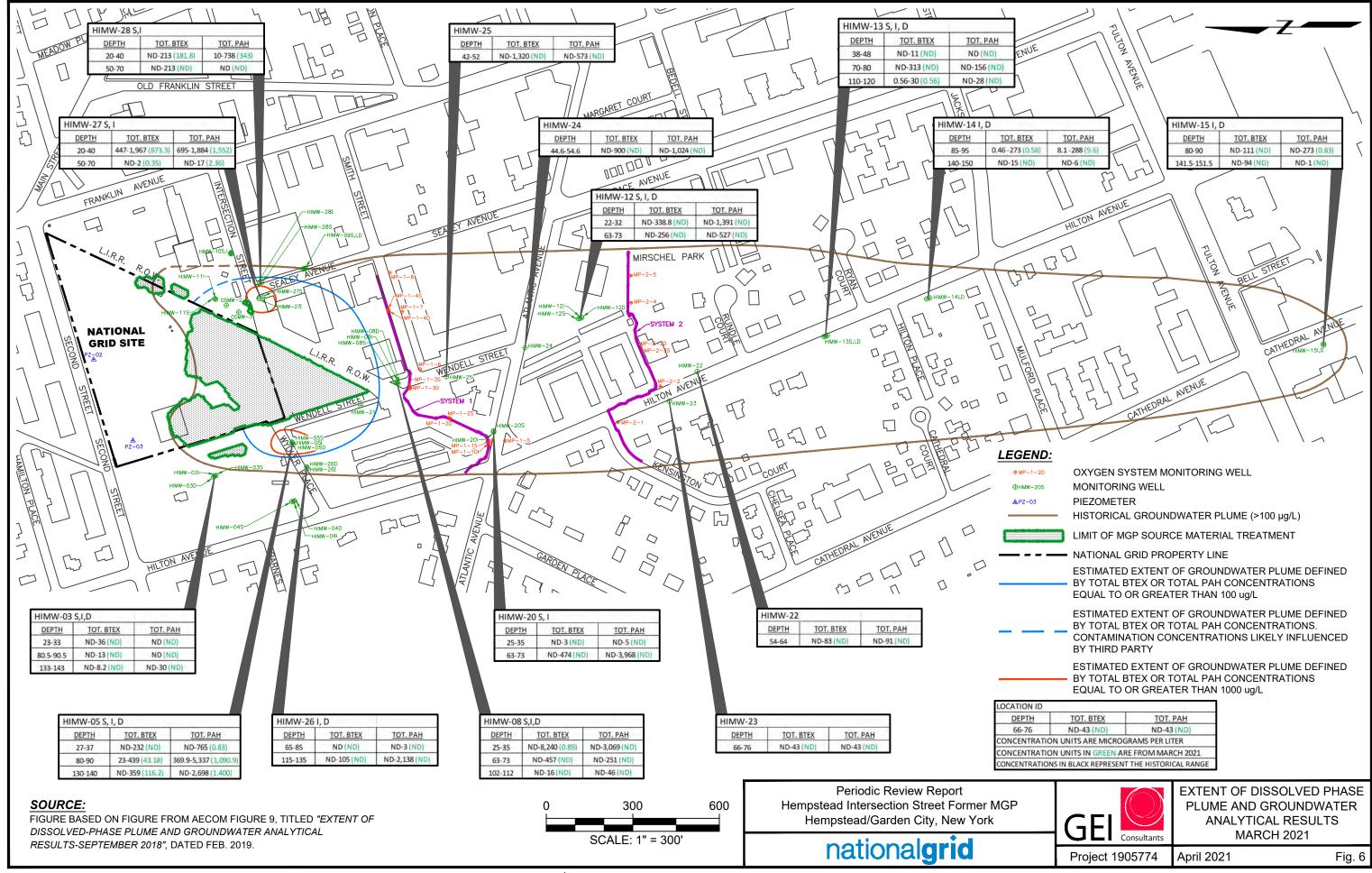
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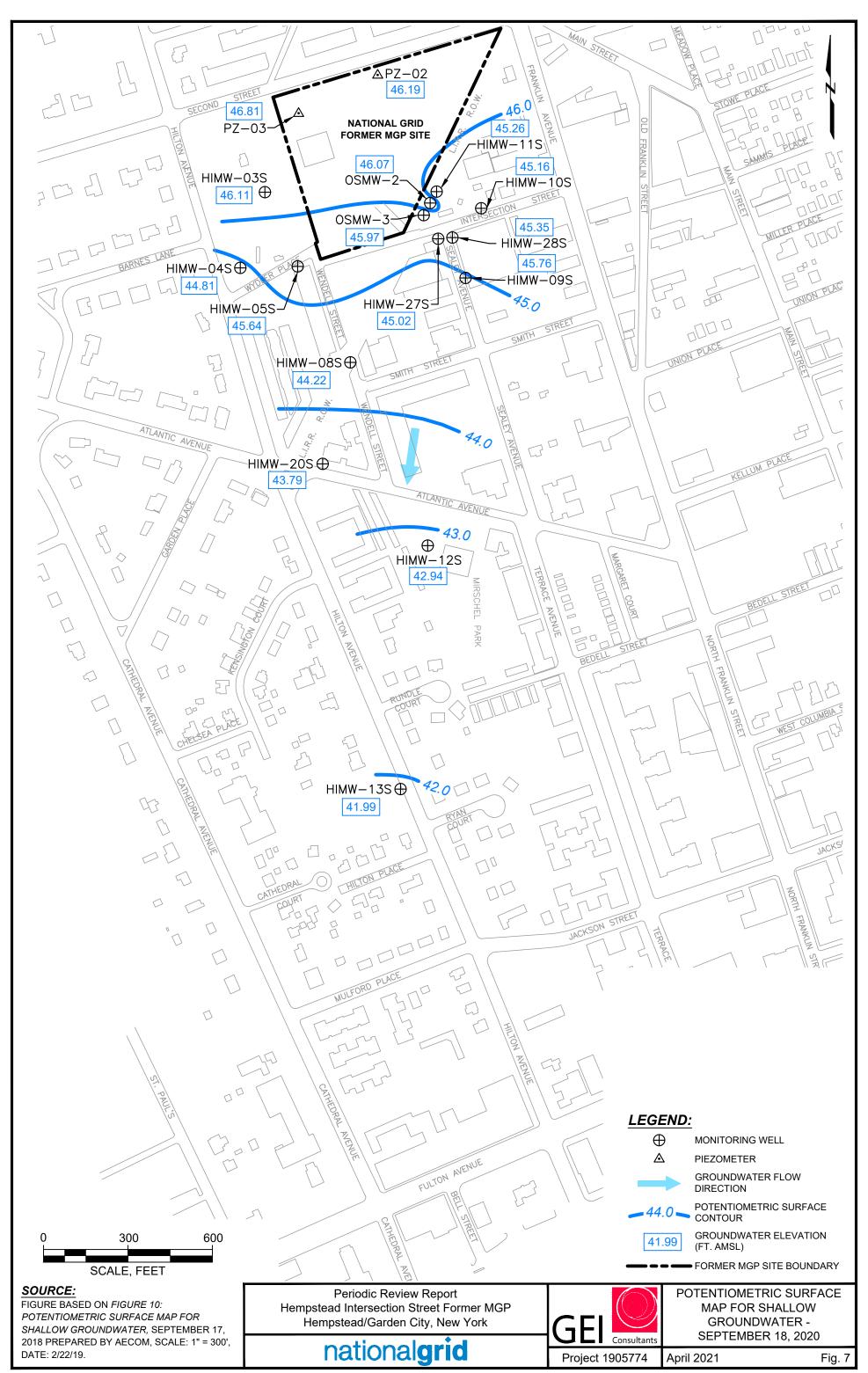
PARCEL BOUNDARIES

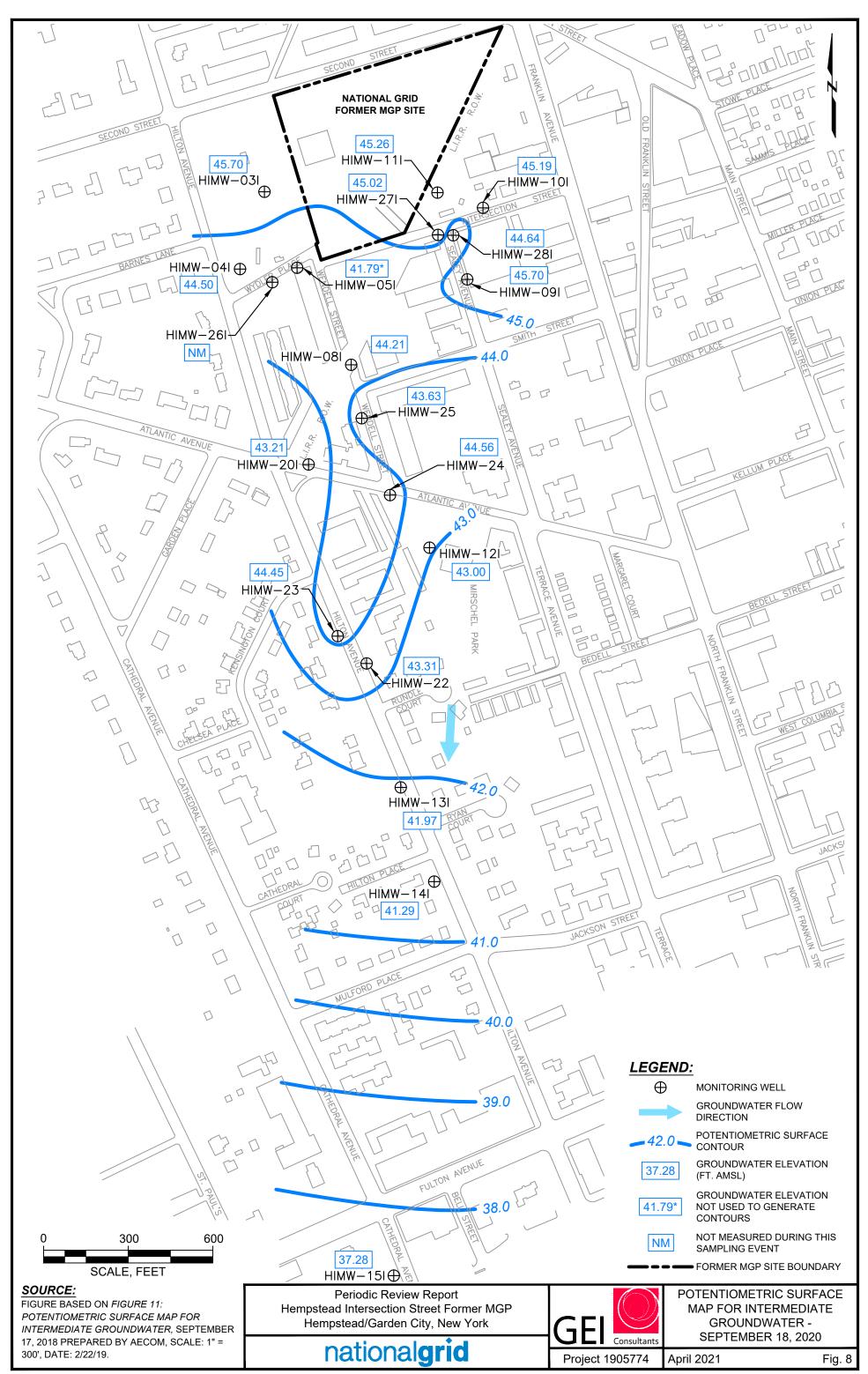
Fig. 3

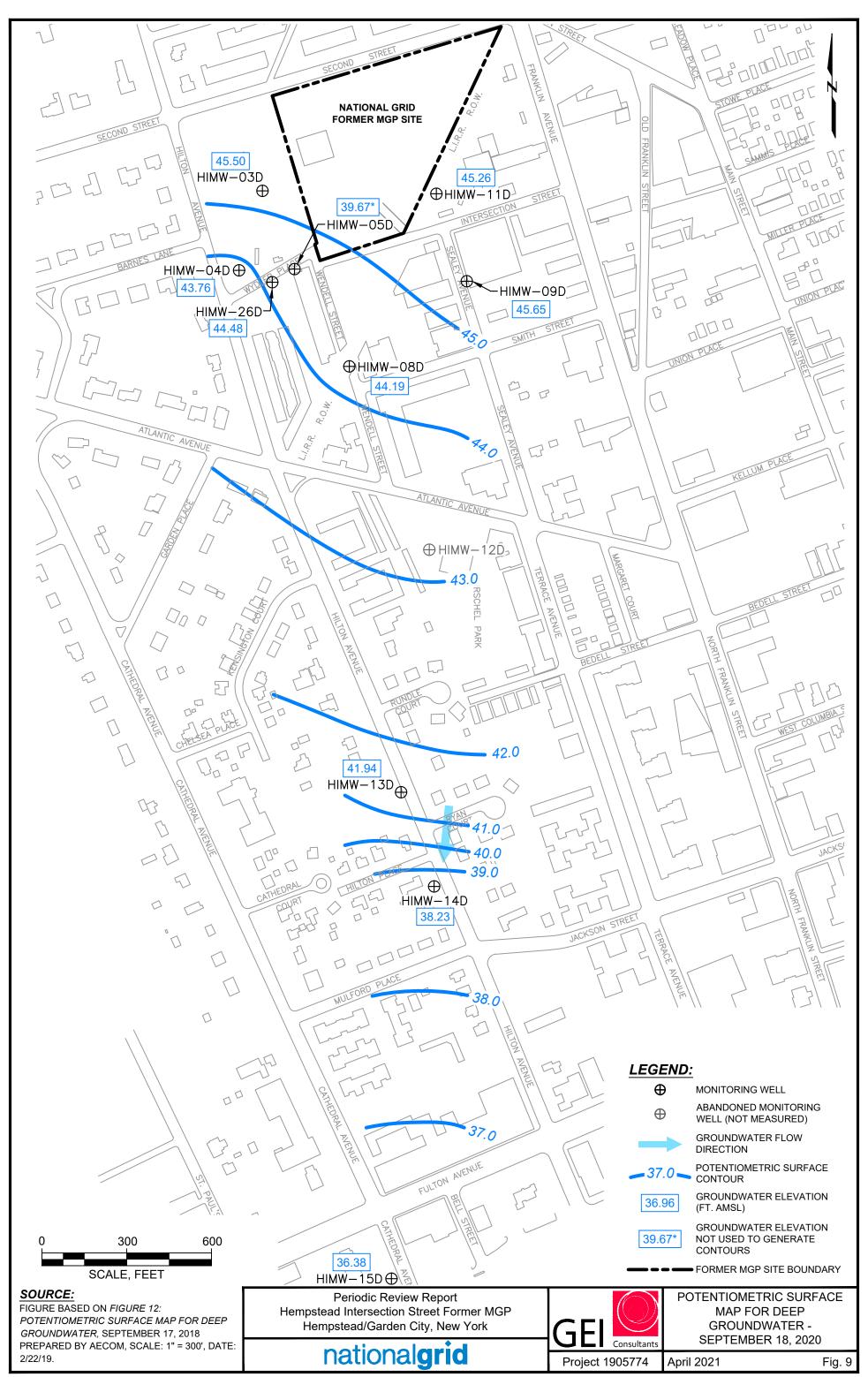


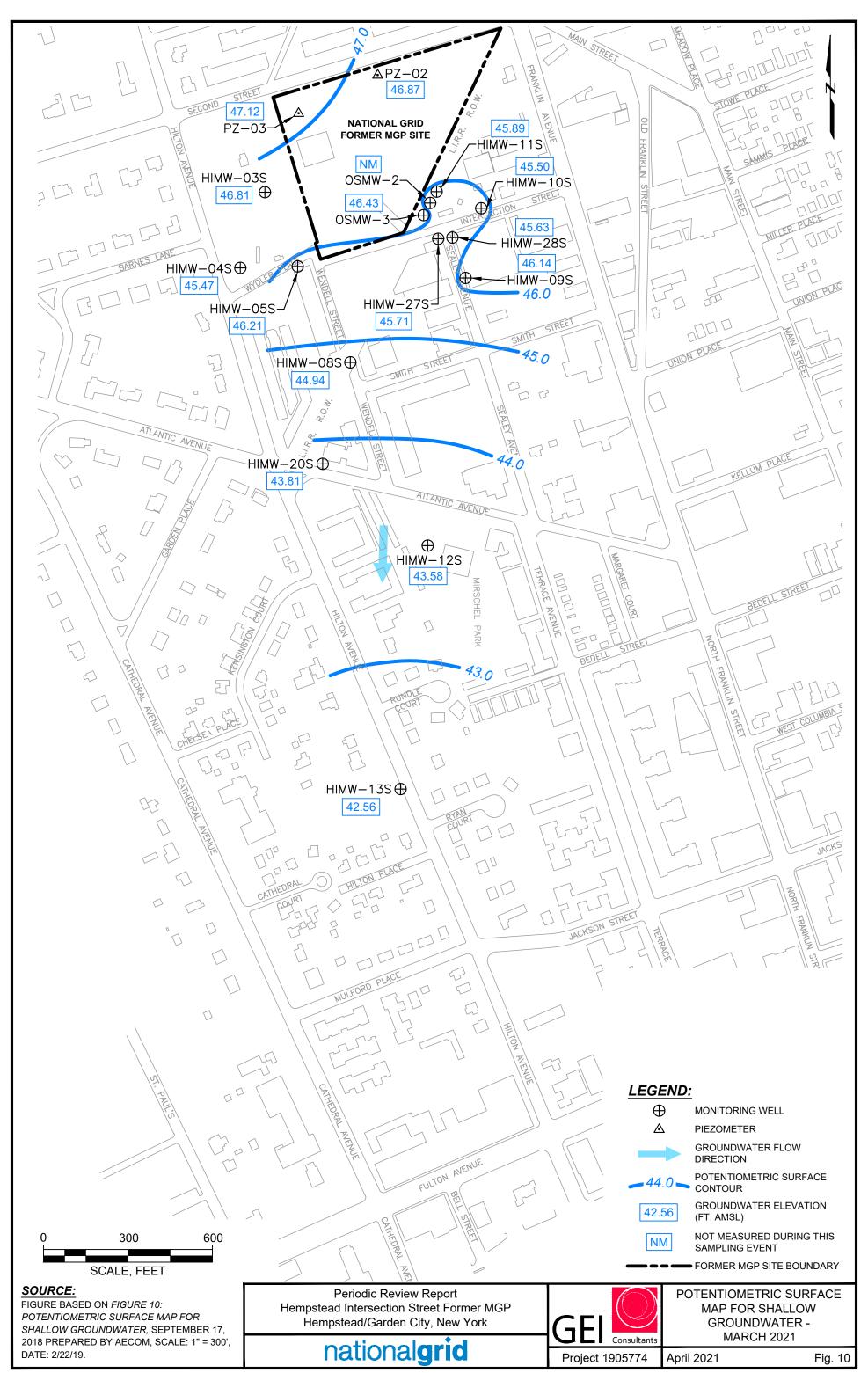


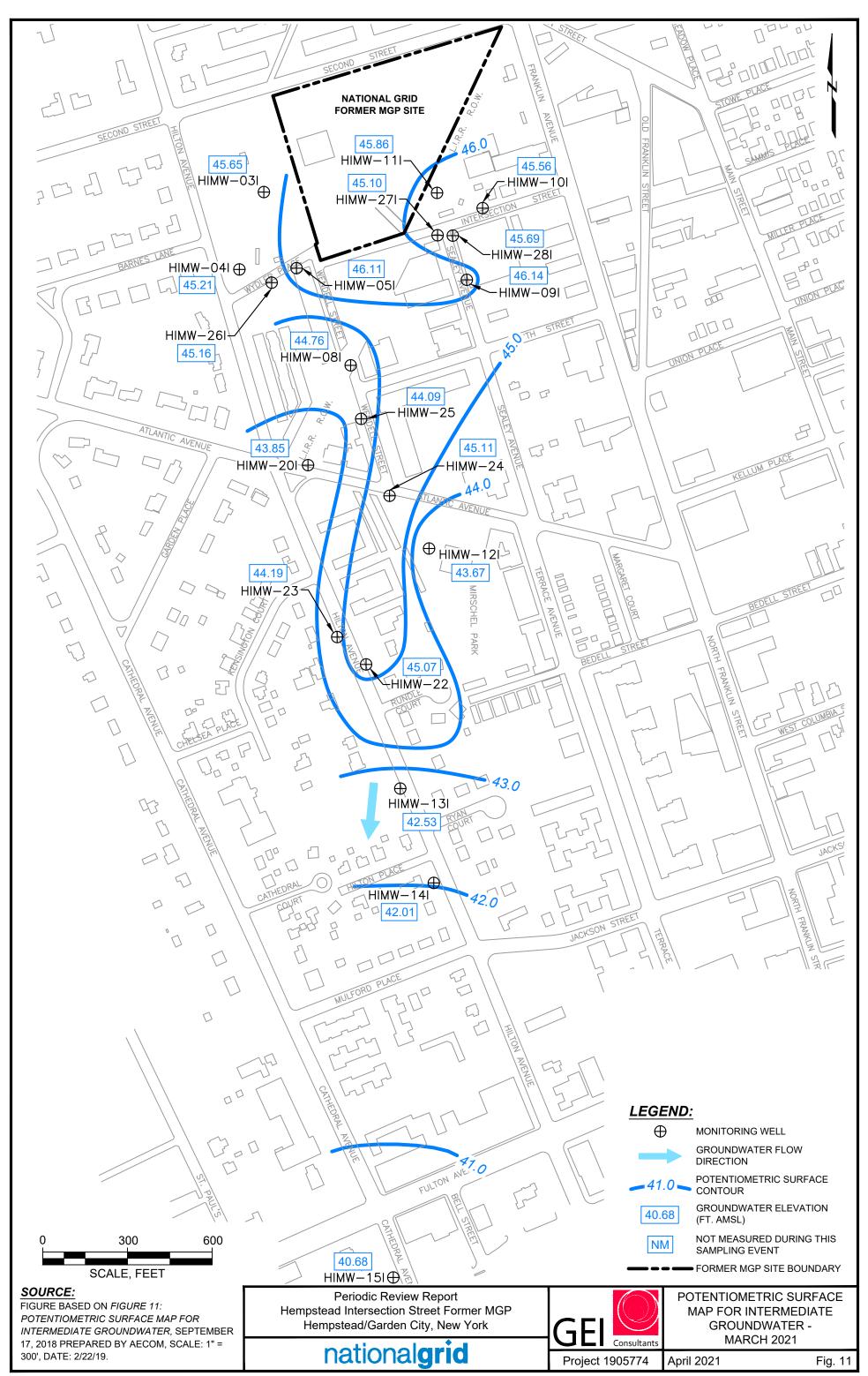


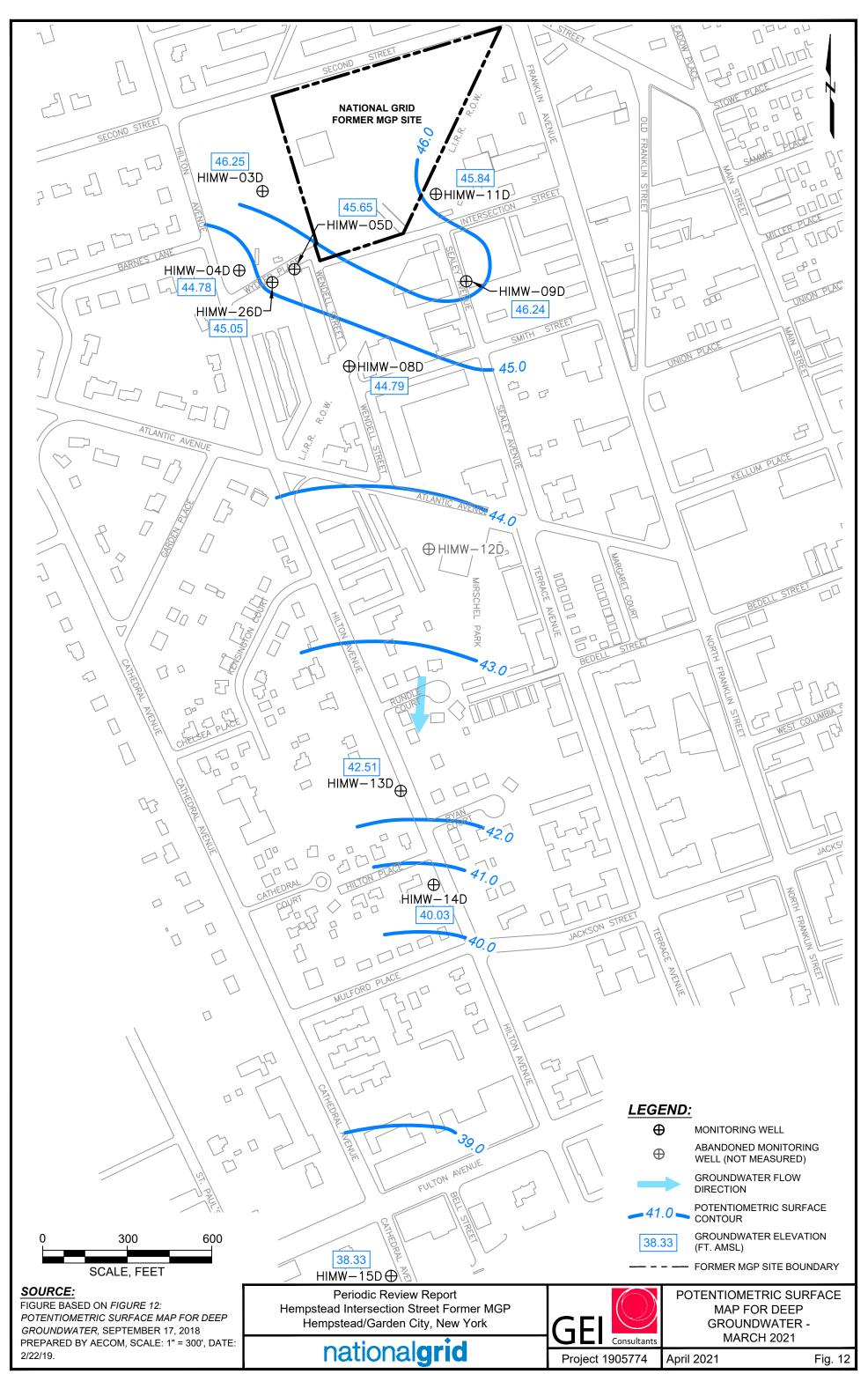


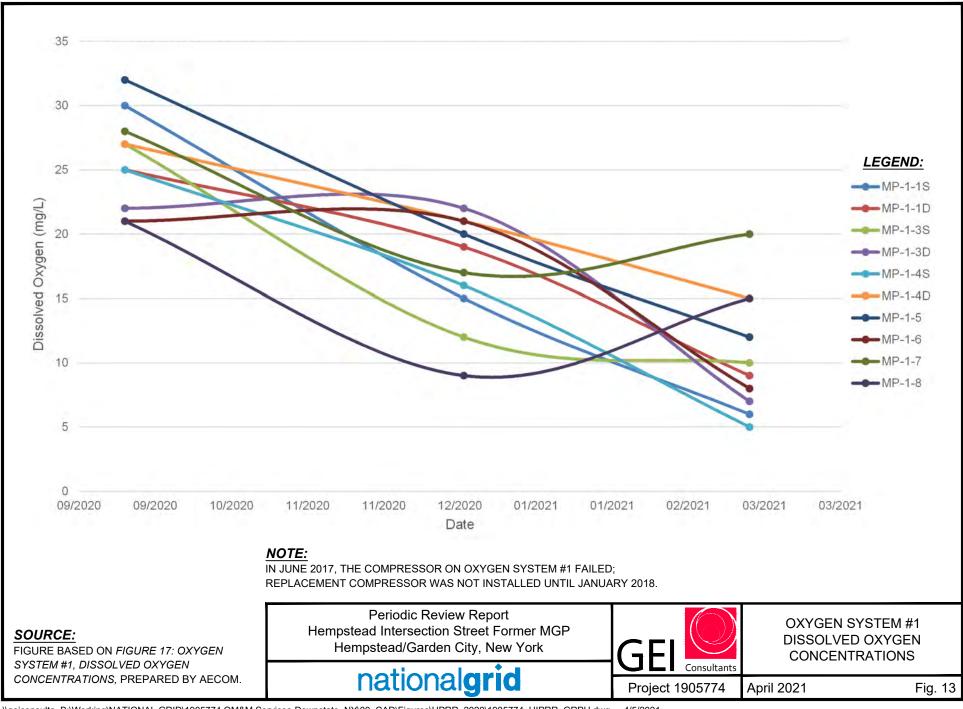


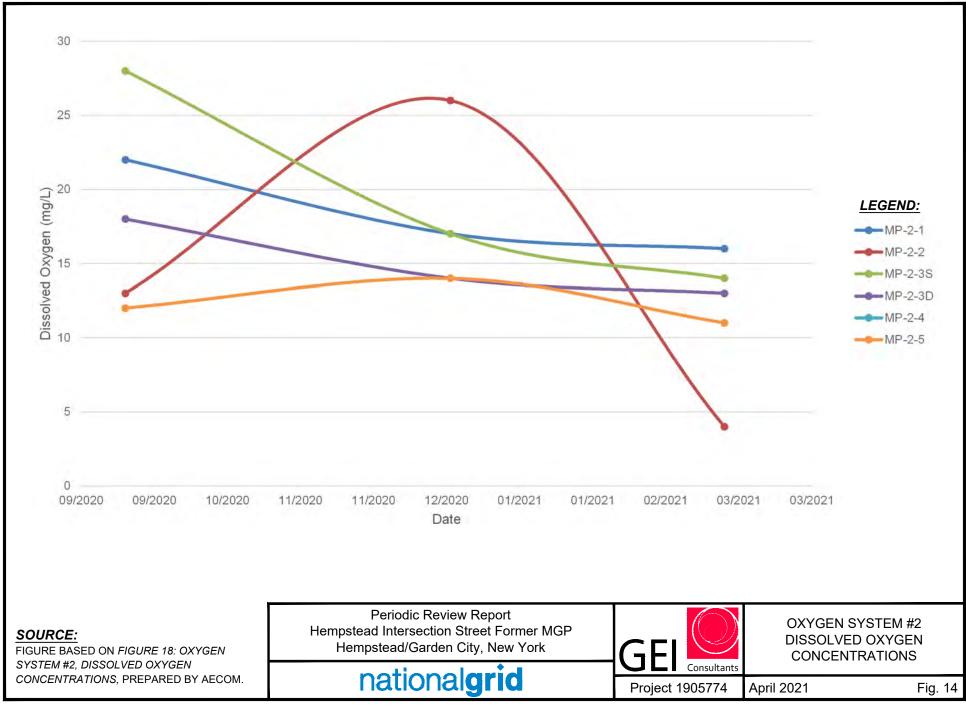






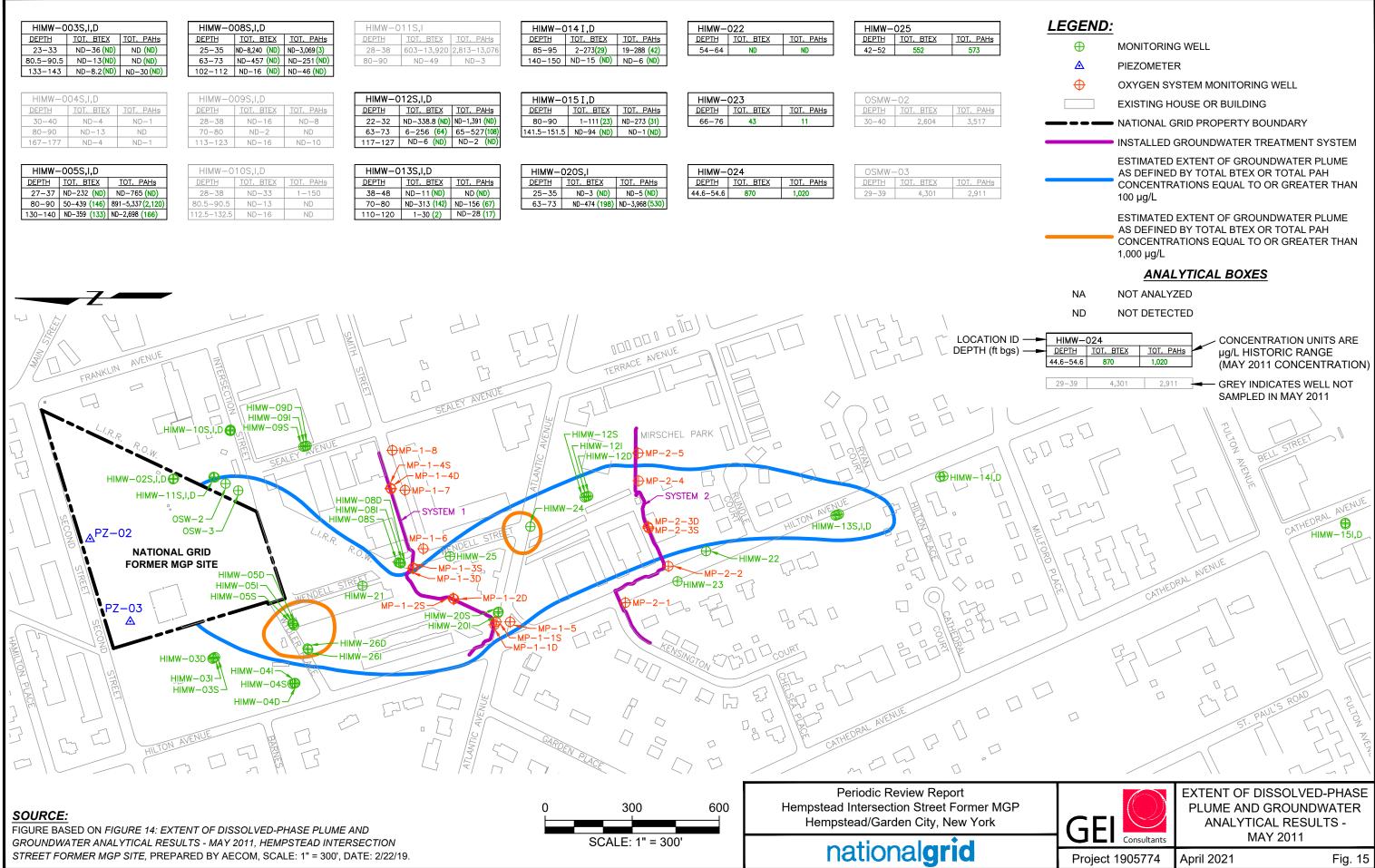




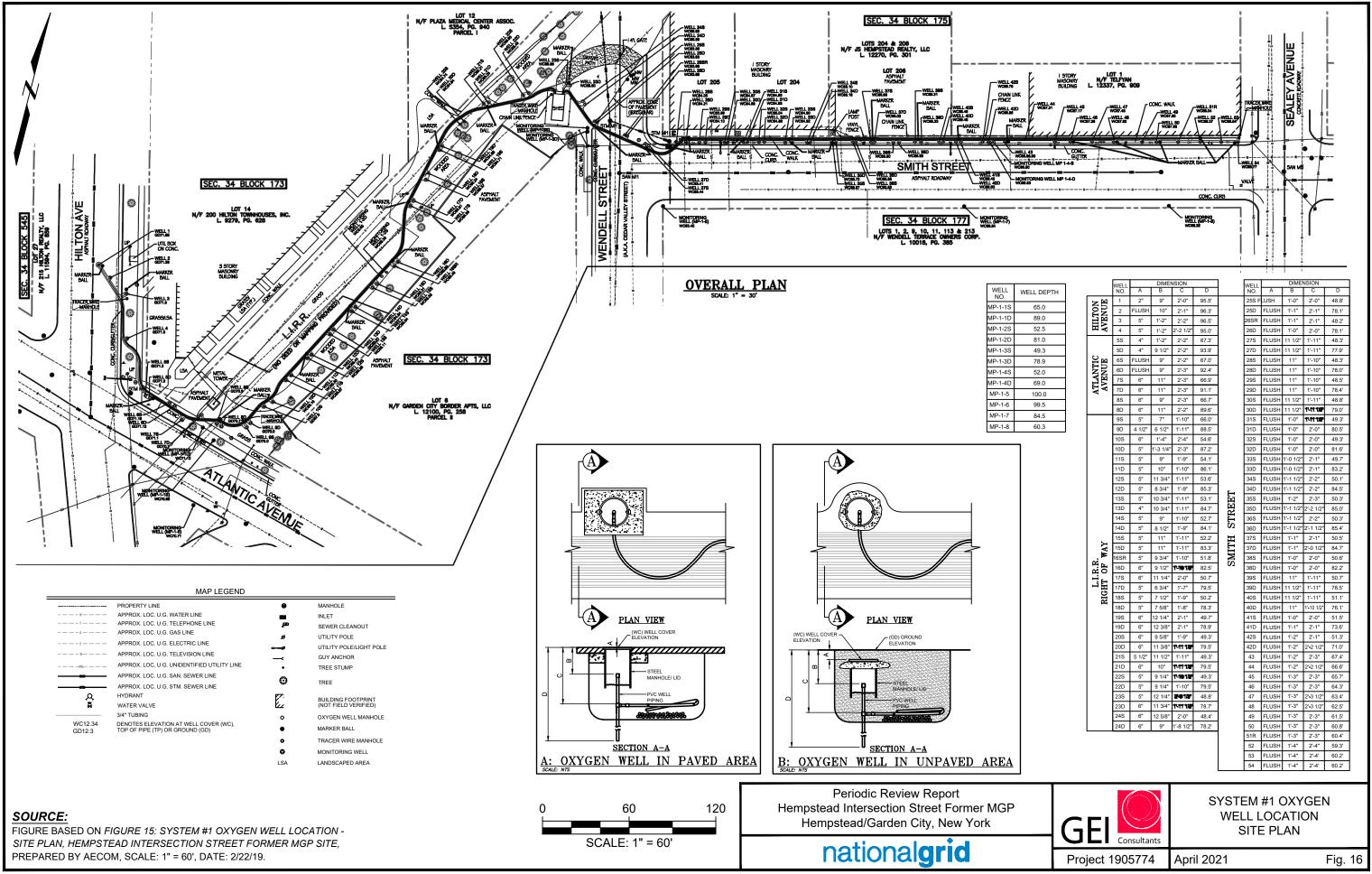


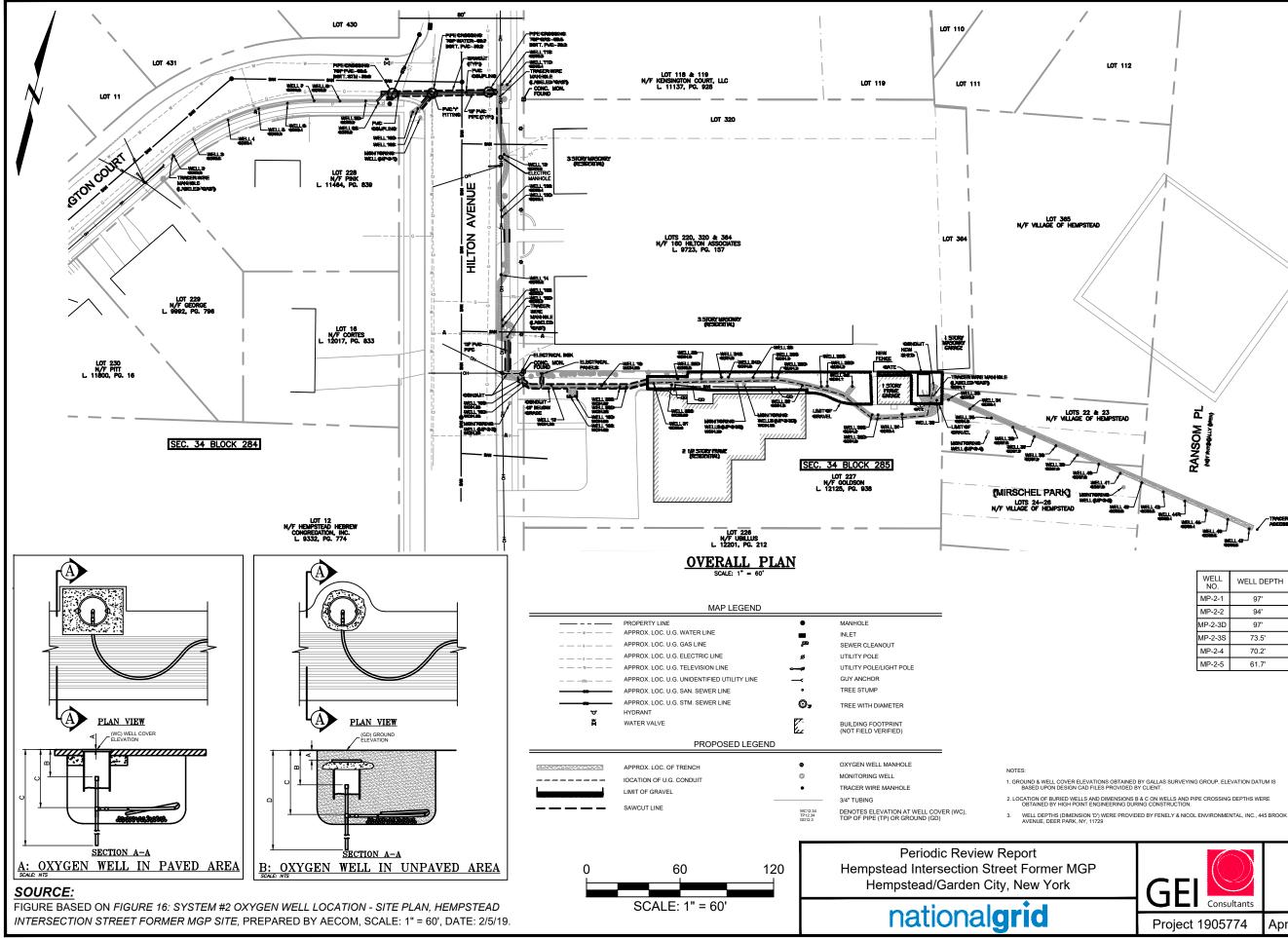
HIMW-003S,I,D	HIMW-008S,I,D	HIMW-011S,I	HIMW-014 I,D	HIMW-022	HIMW-025
DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PA	HS DEPTH TOT. BTEX TOT. PAH
23-33 ND-36 (ND) ND (ND)	25-35 ND-8,240 (ND) ND-3,069(3)	28-38 603-13,920 2,813-13,076	85-95 2-273(29) 19-288 (42)	54-64 ND ND	42-52 552 573
80.5-90.5 ND-13(ND) ND (ND)	63-73 ND-457 (ND) ND-251 (ND)	80-90 ND-49 ND-3	140-150 ND-15 (ND) ND-6 (ND)	· · · ·	
ND ND ND ND ND ND 133-143 ND-8.2 (ND) ND-30 (ND) ND ND	102-112 ND-16 (ND) ND-46 (ND)				
	102-112 ND-16 (ND) ND-46 (ND) HIMW-009S,I,D	HIMW-012S,I,D	HIMW-015 I,D	HIMW-023	OSMW-02
133-143 ND-8.2(ND) ND-30(ND)	102-112 ND-16 (ND) ND-46 (ND)			HIMW-023 DEPTH TOT. BTEX TOT. PA	
133-143 ND-8.2(ND) ND-30(ND) HIMW-004S,I,D	102-112 ND-16 (ND) ND-46 (ND) HIMW-009S,I,D	HIMW-012S,I,D	HIMW-015 I,D		
133-143 ND-8.2 (ND) ND-30 (ND) HIMW-004S,I,D	102-112 ND-16 (ND) ND-46 (ND) HIMW-009S,I,D	HIMW-012S,I,D DEPTH TOT. BTEX TOT. PAHs	HIMW-015 I,D DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PA	<u>IS DEPTH TOT. BTEX TOT. PAH</u>

HIMW-005S,I,D	HIMW-010S,I,D	HIMW-013S,I,D	HIMW-020S,I	HIMW-024	OSMW-03
DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs	DEPTH TOT. BTEX TOT. PAHs
27-37 ND-232 (ND) ND-765 (ND)	28-38 ND-33 1-150	38-48 ND-11 (ND) ND (ND)	25-35 ND-3 (ND) ND-5 (ND)	44.6-54.6 870 1,020	29-39 4,301 2,911
80-90 50-439 (146) 891-5,337 (2,120)	80.5-90.5 ND-13 ND	70-80 ND-313 (142) ND-156 (67)	63-73 ND-474 (198) ND-3,968 (530)		
130-140 ND-359 (133) ND-2,698 (166)	112.5-132.5 ND-16 ND	110-120 1-30 (2) ND-28 (17)			



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SYSTEM #2 OXYGEN

WELL LOCATION

SITE PLAN

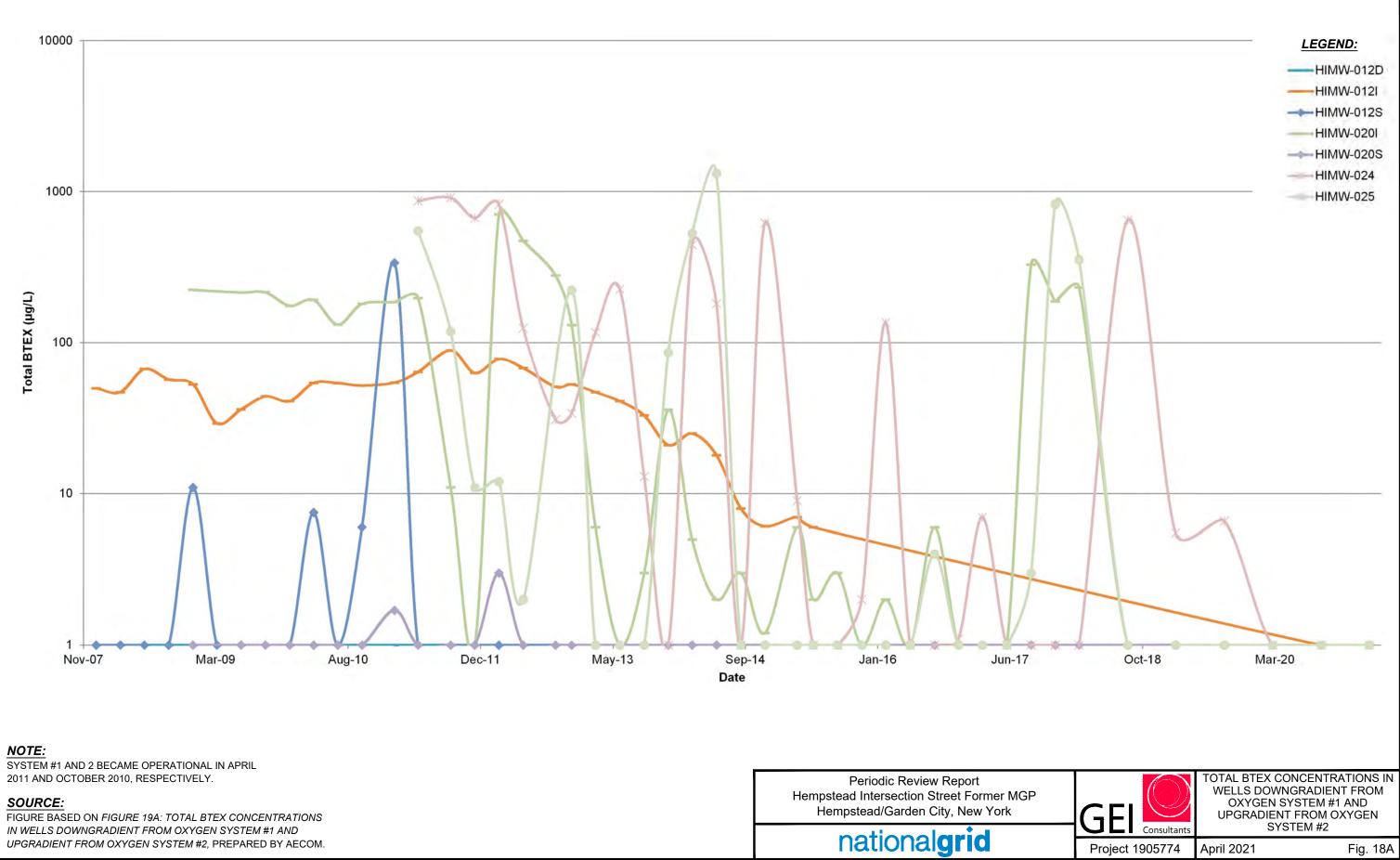
Fig. 17

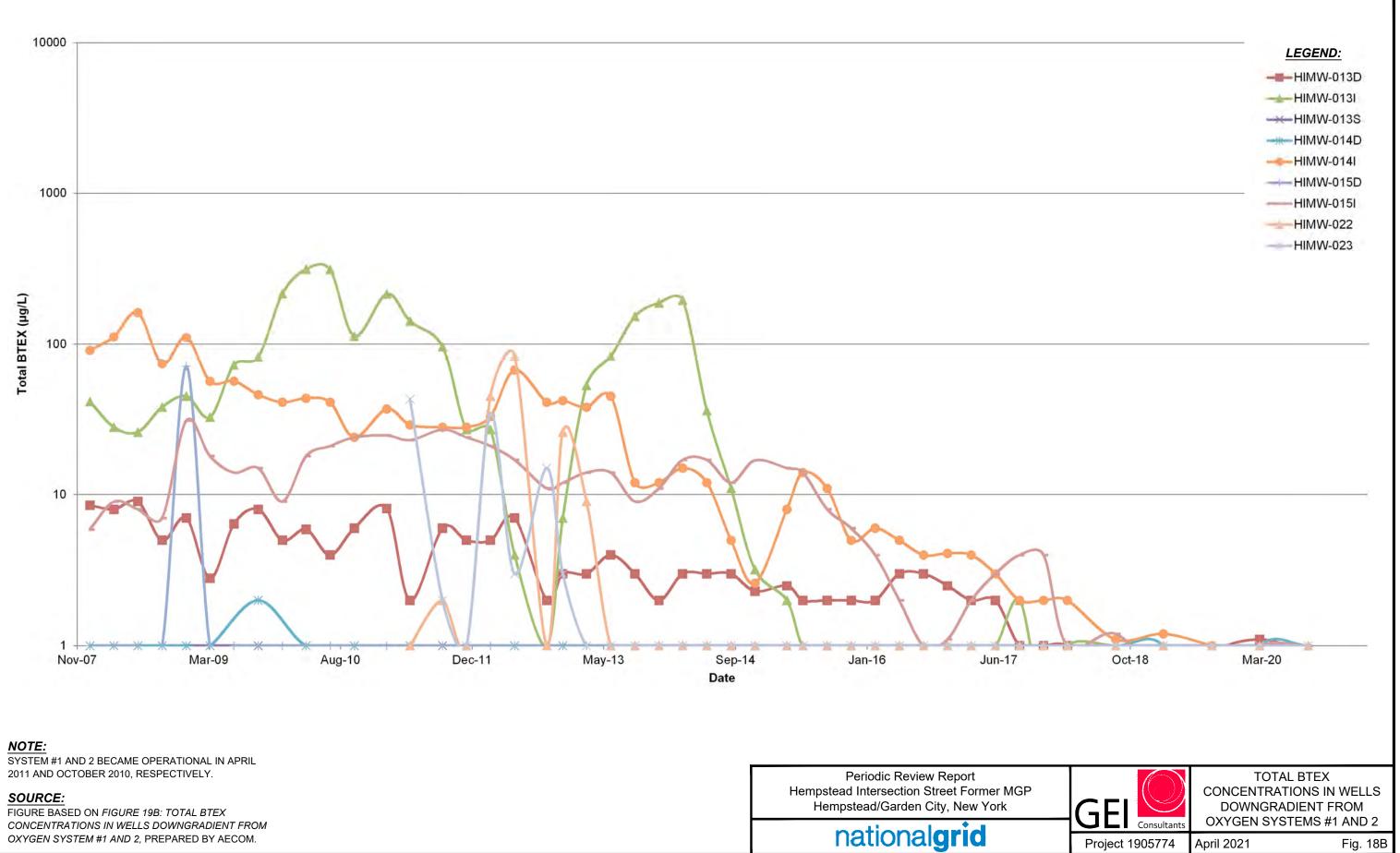
OBTAINED BY GALLAS SURVEYING GROUP. ELEVATION DATUM IS PROVIDED BY CLIENT.	
MENSIONS B & C ON WELLS AND PIPE CROSSING DEPTHS WERE	

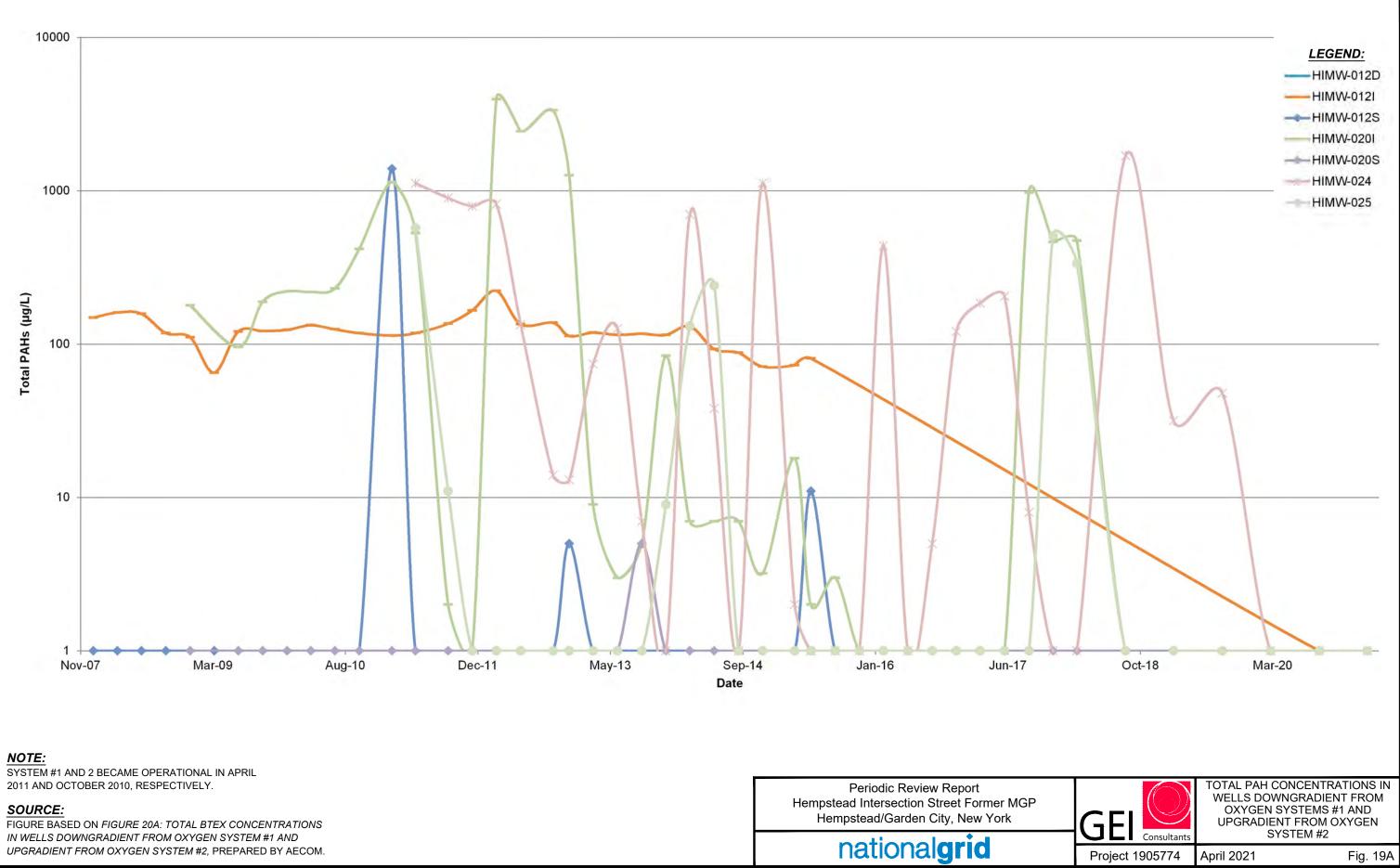
WELL NO.	WELL DEPTH
MP-2-1	97'
MP-2-2	94'
MP-2-3D	97'
MP-2-3S	73.5'
MP-2-4	70.2'

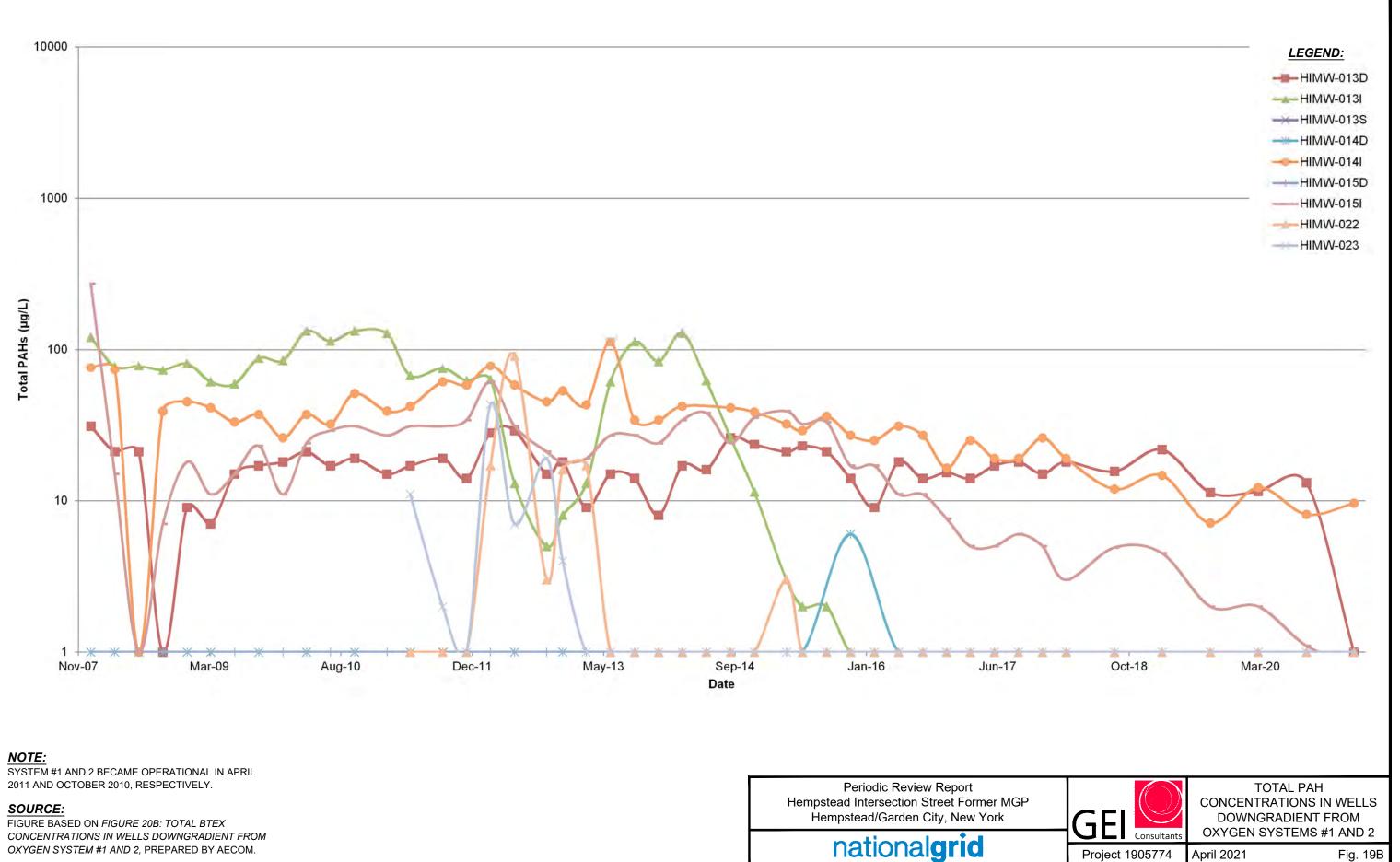
LOT 112	1			
/				
	1			
				/
23 Impstead	Ī	L Z		
		MANSOM PL		
			×/	-TRACER ACCESS
		*		

DIMENSION								
	WELL NO.							
Г	2	2-1/2"	2'-1"	90.2'				
URT	3	2-1/2"	11" 10"	1'-11"	94.3'			
DU	4	3"	1'-2"	1'-11"	94.7			
CC		-	9"					
_	5	3-1/2"		1'-10"	95.3'			
ľON	6	2-1/2"	9-1/2"	1'-9"	95.7'			
GT(7	3-1/2"	10"	1'-11"	96'			
G	8	3-1/2"	9-1/2"	1'-11"	96.3'			
IN	9D	4-1/2"	8-1/2"	1'-11"	96.7'			
NS I	9S	3-1/2"	11"	1'-9 1/2"	75'			
KEN	10S	2"	9"	2'-0"	75'			
Κ	10D	2"	9-1/2"	2'-0"	97.2'			
	11S	6"	9"	2'-0"	76.5'			
AVE.	11D	4"	9"	2'-0"	100.8'			
AV	12	4-3/4"	1'-0"	2'-4"	94'			
	13S	5-1/2"	1'-2"	2'-3 1/2"	75'			
NO	13D	6"	1'-1"	2'-6"	97'			
TC	14	5-1/2"	11"	2'-2"	96.4'			
Π	15S	4"	1'-2"	2'-2	75'			
Η	155 15D	4 6-1/2"	1'-2	2-7 1/2	94.6'			
\vdash				2'-7"				
	16S	FLUSH	9-1/2"		75.5'			
	16D	FLUSH	1'-0"	2'-6"	94.1'			
	17	FLUSH	8 1/2"	2'-1/2"	95'			
	18S	FLUSH	7"	1'-8 1/2"	74.5'			
	18D	FLUSH	9"	1'-9"	95.5'			
	19	FLUSH	9-1/2"	1'-9 1/2"	96.1'			
TY	20S	FLUSH	11"	2'-1/2"	74'			
ST.	20D	FLUSH	11"	1'-11 1/2"	96.6'			
ROPER'	21	3"	1'-1"	1'-8"	96.6'			
JP	22S	5"	1'-1 1/2"	2'-0"	76'			
RC	22D	4"	1'-4"	2'-4"	96.3'			
Ы	23	2"	1'-1"	2'-2"	97.2'			
. ı	24S	2-1/2"	1'-1/2"	1'-10"	77.8'			
AI	240 24D	3-1/4'	1'-2"	1'-11"	97'			
T		3"	1'-1"	1'-9"	96'			
ENTI	25							
DE	26S	3"	1'-0"	2'-2"	74'			
ESID	26D	3"	1'-1"	2'-0"	95'			
E	27	2"	1'-0"	1'-11"	93.5'			
R	28S	2-1/2"	11"	1'-11"	76'			
	28D	4"	1'-1/2"	2'-0"	92.1'			
	29	4-1/2"	11"	1'-11"	92.2'			
	30S	3"	10"	2'-2"	67.8'			
	30D	2-1/2"	1'-1/2"	2'-3"	88'			
	31	4"	1'-4"	2'-2"	86'			
	32	4"	6"	1'-11"	84'			
	*33	8"	1'-0"	2'-0"	82'			
	*34	8"	1'-0"	2'-0"	71'			
	*35	6"	1'-0"	2'-0"	69.2'			
			11"	1'-11"	64.8'			
	36			1 - 1 1	04.0			
	36 37	5-1/2" 2-3/4"		1'_11"	62 9'			
ξA	37	2-3/4"	1'-1/2"	1'-11"	62.8'			
REA	37 38	2-3/4" 3-3/4"	1'-1/2" 1'-1 3/4"	2'-0"	62.1'			
AREA	37 38 39	2-3/4" 3-3/4" 4"	1'-1/2" 1'-1 3/4" 1'-3/4"	2'-0" 2'-0"	62.1' 60'			
K AREA	37 38 39 40	2-3/4" 3-3/4" 4" 3-3/4"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2"	2'-0" 2'-0" 1'-11"	62.1' 60' 61.7'			
RK AREA	37 38 39	2-3/4" 3-3/4" 4" 3-3/4" 4-3/4"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0"	2'-0" 2'-0" 1'-11" 1'-11"	62.1' 60'			
ARK AREA	37 38 39 40	2-3/4" 3-3/4" 4" 3-3/4"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2"	2'-0" 2'-0" 1'-11"	62.1' 60' 61.7'			
PARK AREA	37 38 39 40 41	2-3/4" 3-3/4" 4" 3-3/4" 4-3/4"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0"	2'-0" 2'-0" 1'-11" 1'-11"	62.1' 60' 61.7' 61.7'			
PARK AREA	37 38 39 40 41 42	2-3/4" 3-3/4" 4" 3-3/4" 4-3/4" 3-1/2"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0" 1'-1/2"	2'-0" 2'-0" 1'-11" 1'-11" 1'-11"	62.1' 60' 61.7' 61.7' 61.6'			
PARK AREA	37 38 39 40 41 42 43	2-3/4" 3-3/4" 4" 3-3/4" 4-3/4" 3-1/2" 3-1/2"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0" 1'-1/2" 1'-0"	2'-0" 2'-0" 1'-11" 1'-11" 1'-11" 2'-0"	62.1' 60' 61.7' 61.7' 61.6' 61.4'			
PARK AREA	37 38 39 40 41 42 43 44R	2-3/4" 3-3/4" 3-3/4" 4-3/4" 3-1/2" 3-1/2" 4-1/2"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0" 1'-1/2" 1'-0" 11"	2'-0" 2'-0" 1'-11" 1'-11" 1'-11" 2'-0" 1'-11"	62.1' 60' 61.7' 61.6' 61.6' 61.4' 60.6'			
PARK AREA	37 38 39 40 41 42 43 44R 45	2-3/4" 3-3/4" 4" 3-3/4" 4-3/4" 3-1/2" 3-1/2" 4-1/2" 4-1/2"	1'-1/2" 1'-1 3/4" 1'-3/4" 11-1/2" 1'-0" 1'-1/2" 1'-0" 11" 11-3/8"	2'-0" 2'-0" 1'-11" 1'-11" 1'-11" 2'-0" 1'-11" 1'-11"	62.1' 60' 61.7' 61.6' 61.4' 60.6' 61.1'			









nationalgrid

Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site Town of Hempstead, Nassau County, New York Site ID #1-30-086 April 2021

Appendix A

NYSDEC Correspondence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C 625 Broadway, 11th Floor, Albany, NY 12233-7014 P; (518) 402-9662 I F: (518) 402-9679 www.dec.ny.gov

June 1, 2018

William J. Ryan Manager-DNY MGP Program Site Investigation and Remediation Department National Grid 175 East Old Country Road Hicksville, NY 11801

> Re: Hempstead Intersection St. Former MGP Site, Hempstead, Nassau Co. Site 130086 2017 Annual Report

Dear Mr. Ryan:

Thank you and Jon Sundquist for AECOM's May 3, 2018, "2017 Annual Groundwater Sampling, NAPL Monitoring/Recovery and Groundwater Treatment Performance Report for the Hempstead Intersection Street Former Manufactured Gas Plant Site". The Report is approved.

National Grid's request to reduce the frequency of groundwater sampling and analysis to semi-annually is approved. In lieu of an annual report, the Department of Environmental Conservation requests that the 2017 sampling results be presented in the Periodic Review Report. The due date for the Periodic Review Report has been extended to March 1, 2019 in order to accommodate the September sampling round.

If you have any questions please contact me at (518) 402-9686.

Sincerely,

John bullman

John Spellman, P.E. Project Manager Division of Environmental Remediation



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau C 625 Broadway, 11th Floor, Albany, NY 12233-7014 P; (518) 402-9662 I F: (518) 402-9679 www.dec.ny.gov

October 24, 2019

Jonathan Mitchell Project Engineer National Grid 175 East Old Country Road Hicksville, NY 11801

> Re: Hempstead Intersection St. Former MGP Site, Hempstead, Nassau Co. Site 130086 Dissolved Oxygen Sampling

Dear Mr. Mitchell:

The New York State Department of Environmental Conservation is in receipt of your October 18, 2019 request to reduce the sampling frequency for dissolved oxygen from monthly to quarterly at the subject site. National Grid's request is approved.

Sincerely,

John bullman

John Spellman, P.E. Project Manager Division of Environmental Remediation



Department of Environmental Conservation Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site Town of Hempstead, Nassau County, New York Site ID #1-30-086 April 2021

Appendix B

Inspection Form

HEMPSTEAD INTERSECTION STREET FORMER MGP SITE VILLAGES OF HEMPSTEAD AND GARDEN CITY, NASSAU COUNTY, NY SITE-WIDE INSPECTION FORM

GENERAL INFORMATION

Date:	March 5, 2021	Inspector:	Craig Hayes
Weather:	Sunny	Signature:	Ciarg Hayet
Temperature:	~35 degrees	Company:	GEI Consultants
Seasor	n (circle one): Winter	Spring	Summer Fall

SITE INSPECTION LOG SHEET*

			[]
Evidence of Change in Site Use	Yes No	Description of New/Additional Site Use	Site is used as a laydown area for gas main construction, no intrusive work observed. Also additional area is used by dealership to park cars.
Evidence of Site-Wide Disturbance(s)	Yes No	Description of Disturbance(s)	
Evidence of Site-Wide Excavation	Yes	Description of Excavation	
Evidence of Cover System Disturbance(s)	Yes	Description of Disturbance(s)	
Evidence of Cover System Excavation to Monolith	Yes	Description of Excavation	
Evidence of Building Construction	Yes No	Description of Building Construction	
Comments:	Change attached		ame as previous PRR period. No map

* If answering Yes, attach map showing locations and any other information as required.

Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site Town of Hempstead, Nassau County, New York Site ID #1-30-086 April 2021

Appendix C

Data Usability Summary Reports



Site:	Downstate OMM Hempstead Intersection Groundwater Monitoring
Laboratory:	Test America, Edison, NJ
Report Numbers:	460-218280, 460-218380, 460-218634, 460-218647, 460-220057
Reviewer:	Lorie MacKinnon/GEI Consultants
Date:	December 3, 2020

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
TB091420	460-218280-01	BTEX
HIMW-03S	460-218280-02	BTEX, PAH
HIMW-03I	460-218280-03	BTEX, PAH
HIMW-03D	460-218280-04	BTEX, PAH
FB091420	460-218280-05	BTEX, PAH
DUP-01	460-218280-06	BTEX, PAH
HIMW-13S	460-218280-07	BTEX, PAH
HIMW-13I	460-218280-08	BTEX, PAH
HIMW-13D	460-218280-09	BTEX, PAH
DUP-02	460-218280-10	BTEX, PAH
FB-091420CB	460-218280-11	BTEX, PAH
TB091520	460-218380-01	BTEX
HIMW-27S	460-218380-02	BTEX, PAH
HIMW-27I	460-218380-03	BTEX, PAH
HIMW-28S	460-218380-04	BTEX, PAH
HIMW-28I	460-218380-05	BTEX, PAH
HIMW-14I	460-218380-06	BTEX, PAH
HIMW-14D	460-218380-07	BTEX, PAH
TB091620	460-218634-01	BTEX
HIMW-05D	460-218634-02	BTEX, PAH
HIMW-05I	460-218634-03	BTEX, PAH
HIMW-15I	460-218634-04	BTEX, PAH
HIMW-15D	460-218634-05	BTEX, PAH
HIMW-23	460-218634-06	BTEX, PAH
HIMW-22	460-218634-07	BTEX, PAH
HIMW-12S	460-218634-08	BTEX, PAH
HIMW-26I	460-218634-09	BTEX, PAH
HIMW-08S	460-218634-10	BTEX, PAH
HIMW-08I	460-218634-11	BTEX, PAH
HIMW-08D	460-218634-12	BTEX, PAH
HIMW-25	460-218634-13	BTEX, PAH
HIMW-24	460-218634-14	BTEX, PAH
TB091720	460-218647-01	BTEX
HIMW-05S	460-218647-02	BTEX, PAH
HIMW-20S	460-218647-03	BTEX, PAH

Site: Downstate OMM Hemsptead Intersection Report Numbers: 460-218280, 460-218380, 460-218634, 460-218647, 460-220057 Date: December 3, 2020

HIMW-20I	460-218647-04	BTEX, PAH
HIMW-26D	460-218647-05	BTEX, PAH
TB100620	460-220057-01	BTEX
HIMW-12I	460-220057-02	BTEX, PAH

Associated QC Samples:

Field/Trip Blanks: FB-091420CB, TB091420, TB091520, TB091620, TB091720, TB100620 Field Duplicate pairs: HIMW-03I/DUP-01 and HIMW-13D/DUP-02

The above-listed groundwater samples, field blank, and trip blank samples were collected on September 14, 15, 16, and 17 and October 6, 2020 and were analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260B and polynuclear aromatic hydrocarbon (PAH) semivolatile organic compounds (SVOCs) by SW-846 method 8270. The data validation was performed in accordance with the Standard Operating Procedure (SOP) HW-35 (Revision 2) *Semivolatile Data Validation* (March 2013) and SOP HW-33 (Revision 3) *Low/Medium Volatile Data Validation* (March 2013), as well as by the methods referenced by the data package and professional and technical judgment.

The organic data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits
- Sample Quantitation and Compound Identification

All results appear usable as reported or usable with minor qualification due to calibration nonconformances and uncertainty for levels below the reporting limit. These results were considered valid; even though some were qualified as discussed below.

The validation findings were based on the following information.

Site: Downstate OMM Hemsptead Intersection Report Numbers: 460-218280, 460-218380, 460-218634, 460-218647, 460-220057 Date: December 3, 2020

Data Completeness

The data packages were complete as received by the laboratory with the following exception; the sample IDs were incorrectly listed as H1 instead of HI. The laboratory was notified and revised reports were received for review.

Holding Times and Sample Preservation

All holding time and sample preservation criteria were met except where noted below.

The pH for VOC sample HIMW-25 was noted to be above the acceptance criteria of 2 at 7. Validation action was not required on this basis as the analysis was performed within the hold time of seven days for unpreserved samples.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met except where noted below.

Instrument/ Calibration Standard	Compound	Calibration Exceedance	Validation Qualifier				
SVOCs							
	Pyrene	28.0 %D					
CBNAMS16 CCAL	Indeno(123-cd)pyrene	41.6 %D	Estimate (UJ) the nondetect results for the affected				
09/17/20 21:28	Dibenz(ah)anthracene	35.9 %D	compounds in the associated samples.				
	Benzo(ghi)perylene	36.7 %D					
Associated samples: HI	Associated samples: HIMW-27S, HIMW-27I, HIMW-28S, HIMW-28I, HIMW-14I, HIMW-14D						
CBNAMS17 CCAL 09/21/20 19:45 Benzo(b)fluoranther		21.5 %D	Estimate (UJ) the nondetect results for benzo(b)fluoranthene in the associated samples.				
Associated sample: HIN	1W-26D, HIMW-05D, HIMV	W-05I	· · · · · · · · · · · · · · · · · · ·				

Initial calibration (ICAL) relative standard deviation (%RSD) > 20% for VOC, SVOC, and PCBs; estimate (J) positive and blank-qualified (UJ) results only.

Continuing calibration (CCAL) percent difference (%D) > 20% for VOC, SVOCs, and PCBs; estimate (J/UJ) positive and nondetect results.

Blanks

Contamination was not detected in the associated method blank samples, field blank, and trip blank samples.

Site: Downstate OMM Hemsptead Intersection Report Numbers: 460-218280, 460-218380, 460-218634, 460-218647, 460-220057 Date: December 3, 2020

Surrogate Recoveries

All surrogate recovery criteria were met except where noted below.

Sample	Surrogate	Recovery (%)	Control Limits (%)	Validation Actions		
VOCs						
FB091420	4-Bromofluorobenzene	122	76-120	Validation actions were not required as all results were nondetect in this sample and therefore were not affected by the potential high bias.		

MS/MSD Results

MS/MSD analyses were performed on samples HIMW-03D and HIMW-13I for VOC and SVOC. All recovery and precision criteria were met, except where noted below.

HIMW-03D						
Analyte	MS %R (%)	MSD %R (%)	RPD (%)	QC Limits	Validation Actions	
			C.	(%)		
	1	1	3	VOCs		
Acenaphthylene	105	107	-	64-102	Validation actions were not required as these	
Benzo(a)pyrene	122	122	-	67-106	compounds were nondetect in sample HIMW-	
Benzo(b)fluoranthene	123	117	-	65-113	03D and therefore results were not affected by	
Benzo(k)fluoranthene	123	118	-	66-116	the potential high bias.	
- criterion met						

HIMW-13I							
Analyte	MS %R (%)	MSD %R (%)	RPD (%)	QC Limits (%)	Validation Actions		
		•	S	VOCs			
Acenaphthylene	109	105	-	64-102	Validation actions were not required as these		
Benzo(a)pyrene	125	123	-	67-106	compounds were nondetect in sample HIMW-		
Benzo(b)fluoranthene	123	119	-	65-113	13I and therefore results were not affected by the		
Benzo(k)fluoranthene	120	119	-	66-116	potential high bias.		
- criterion met							

LCS Results

All LCS/LCSD recovery and precision criteria were met except where noted below.

Site: Downstate OMM Hemsptead Intersection Report Numbers: 460-218280, 460-218380, 460-218634, 460-218647, 460-220057 Date: December 3, 2020

LCS ID	Compound	Recovery (%)	RPD (%)	Control Limit (%)	Validation Action/Bias
			SVOCs		
LCS/LCSD 460-724388	Benzo(a)pyrene	LCS 109	-	67-106	Validation actions were not required as benzo(a)pyrene was nondetect in all associated samples and therefore results were not affected by the potential high bias.
Associated san DUP-02, FB-0	1 /	3I, HIMW-03I), FB0914	20, DUP-01, H	IIMW-13S, HIMW-13I, HIMW-13D,
	Indeno(123-cd)pyrene	149, 157	-	55-139	Validation actions were not required as
LCS/LCSD	Benzo(a)pyrene	LCSD 110	-	67-106	the affected compounds were nondetect in all associated samples and therefore
460-724722	Benzo(ghi)perylene	LCSD 149	-	48-145	results were not affected by the potential
	Dibenz(ah)anthracene	LCSD 148	-	57-144	high bias.
Associated san	nples: HIMW-27S, HIMW-2	71, HIMW-28S	, HIMW-2	28I, HIMW-14	I, HIMW-14D

Internal Standards

All criteria were met.

Field Duplicate Results

Samples HIMW-03I/DUP-01 and HIMW-13D/DUP-02 were submitted as field duplicate pair with this sample group. All results were nondetect in samples HIMW-03I and DUP-01, therefore precision criteria were met.

The following table summarizes the RPDs of the detected analytes in the field duplicate pair HIMW-13D and DUP-02, which were within the acceptance criteria.

Analyte	HIMW-13D (ug/L)	DUP-02 (ug/L)	RPD (%)
Benzene	0.91 J	0.93 J	2.2
Acenaphthene	4.9 J	5.3 J	7.7
Acenaphthylene	8.2 J	9.7 J	16.8
	NC – N	lot calculable	
Crite	eria: When both results are	$e \ge 5x$ the RL, RPDs must be	<30%.
When results are $< 5x$ the I	RL, the absolute difference	e between the original and fie	eld duplicate must be < 2 xRL

Quantitation Limits

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL). These results were qualified as estimated (J) by the laboratory.

The following table lists the sample dilutions which were performed.

Site: Downstate OMM Hemsptead Intersection Report Numbers: 460-218280, 460-218380, 460-218634, 460-218647, 460-220057 Date: December 3, 2020

VOC Dilution Reported	SVOC Dilution Reported
A 2-fold dilution was performed due to high target compound levels. All results were detected.	A 10-fold dilution was performed due to high target compound levels. QLs were elevated accordingly.
NR	A 5-fold dilution was performed due to high target compound levels. QLs were elevated accordingly.
NR	A 4-fold dilution was performed due to high target compound levels. QLs were elevated accordingly.
NR	A 5-fold dilution was performed due to high target compound levels. QLs were elevated accordingly.
NR	A 2-fold dilution was performed due to high target compound levels. QLs were elevated accordingly.
	A 2-fold dilution was performed due to high target compound levels. All results were detected. NR NR NR

Sample Quantitation and Compound Identification

Compound identification criteria were met. Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

- U The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.
- J Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.
- UJ The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.
- JN The analysis indicates the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
- R Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: TB091420 Date Collected: 09/14/20 00:00 Date Received: 09/14/20 18:00

Lab Sample ID: 460-218280-1 Matrix: Water

Lab Sample ID: 460-218280-2

Matrix: Water

Job ID; 460-218280-1

Analyte	Result	Qualifier	RL	MDL	Unit	D		and and	diam'r.
Benzene	1.0	U	1.0	172.0			Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0				ug/L			09/17/20 00:39	1
Toluene			1.0		ug/L			09/17/20 00:39	1
Xylenes, Total	1.0	2	1.0	0.38	ug/L			09/17/20 00:39	
All and a more	2.0	U	2.0	0.65	ug/L			09/17/20 00:39	
Surrogate	%Recovery	Qualifier	Limits				12.000		
1,2-Dichloroethane-d4 (Surr)	85	d'annier	75 - 123				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107							09/17/20 00:39	1
Dibromofluoromethane (Surr)			76-120					09/17/20 00:39	+
	102		77-124					09/17/20 00:39	
Toluene-d8 (Surr)	91		80.120					09/17/20 00:39	1

Client Sample ID: H1MW-03S

Date Collected: 09/14/20 14:25

Date Received: 09/14/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MOL	Unit			10000	
Benzene	1.0	U	1.0			D	Prepared	Analyzed	Dil Fac
Ethylbenzene					ug/L			09/17/20 01:50	1
Toluene	1.0		1.0	0.30	ug/L			09/17/20 01:50	
	1.0	U	1.0	0.38	ug/L			09/17/20 01:50	
Xylenes, Total	2.0	U	2.0	0.65				and the second	. 7.
					DAVE			09/17/20 01:50	1
Surrogate	%Recovery	Qualifier	Limits				and the second		
1,2-Dichloroethane-d4 (Surr)	89		75 - 123				Prepared	Analyzed	Dil Fac
4-Bramafluorobenzene	109							09/17/20 01:50	1
Dibromofluoromethane (Surr)			76-120					09/17/20 01:50	1
and the second se	105		77. 124					09/17/20 01:50	
Toluene-dB (Surr)	95		80-120					09/17/20 01:50	5
								09/1//20 01:50	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	10.00 CO.14	-
2-Methylnaphthalene	10	U	10	1.1	ug/L			Analyzed	DII Fac
Acenaphthene	10	U	10	1.1	1000		09/16/20 09:53	and the second second second	1
Acenaphthylene	10			1000	ug/L		09/16/20 09:53	and the second second	1
Anthracene	10		10	0.82	0.00		09/16/20 09:53		1
Benzo[a]anthracene	1.0		10	0.63			09/16/20 09:53	09/17/20 02:47	·
Benzo(a)pyrene			1.D	0.59	ug/L		09/16/20 09:53	09/17/20 02:47	1
Benzo[5]fluoranthene	1.0	9.0	1-0	0.41	ug/L		09/16/20 09:53	09/17/20 02:47	1
	2.0	1.1	2.0	0.68	Vg/L		09/16/20 09:53		
Behzo(g.n.i]perylene	10		10	1.4	ug/L		09/16/20 09:53	Sector States and all	
Benzo[k]fluoranthene	1.0	Q	1.0	0.67	ug/L		09/16/20 09:53	09/17/20 02:47	
Chrysene	2.0	U	2.0	in the second	Ug/L		09/16/20 09:53	09/17/20 02:47	
Dibenz(a,h)anthracene	1.0	0	1.0	0.72			09/16/20 09:53		1
Fluoranthene	10	U	10	0.84				09/17/20 02:47	a.
Fluorene	10	U	10				09/16/20 09:53	09/17/20 02:47	1
Indeno[1,2,3-cd]pyrene	2.0		2.0		ug/L		09/16/20 09:53	09/17/20 02:47	*
Naphthalene	2.0				ug/L		09/16/20 09:53	09/17/20 02:47	.1
Phenanthrene	10	CC	2.0		ug/L		09/16/20 09:53	09/17/20 02:47	1
Pyrene			10	0.58	ug/L	13	09/16/20 09:53	09/17/28 02:47	
1.31-10	10	λ <u>μ</u> .	10	1.6	ug/L	18	09/16/20 09:53	09/17/20 02:47	1
Surrogate	%Recovery	Qualifier	Limits				-		in the
2-Fluorobiphenyl	78		42.127				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	77		46-137				09/16/20 09:53	09/17/20 02:47	1
and the second second	0		40-13/			3	09/16/20 09:53	09/17/20 02:47	1

	Clief	it Sample	Resu	Its				
pstead Inters	section Q3						Job ID: 460-2	18280-
-035					La	ab Sample	D: 460-21	8280-
)								x: Wate
e Organic C	ompound	s (GC/MS) (Co	ontinue	d)				
9	1	39 - 150				the second se		Dil Fi
031				_				
					La	b Sample	and the second se	8280- c: Wate
anic Compo	ounds by (GC/MS						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
		1.0	0.20	ug/L	-	2		
		1.0						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.D						
2.0	U	2.0	0.65	ug/L			09/17/20 02:14	
%Recovery	Qualifier	1 imite						
the second se						Prepared		D// Fa
110								
111								
97	2	80 120						
Same for the							09/1//20 02:14	
Organic Co	mpounds	(GC/MS)						
		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fat
			1.1	ug/L_	-	09/16/20 09:53	man and the second seco	
			1.1			09/16/20 09:53	09/17/20 03:08	
					9	09/16/20 09:53	09/17/20 03:08	- 6
	5					a contraction of the second	Sector Can Abriab	1.10
	100						Out of the second second second	1.14
							and the second	1.18
				1.00				1.0
			1.					1
		1 A A A A A A A A A A A A A A A A A A A						1
								1
								1
	-	10						1
%Recovery	Qualifier	Limite						
and the second se	a conner						Analyzed	Dil Fac
							and the second states and the second	1
114								7
					_		A CONTRACTOR OF A CONTRACT	1
30					Lab	Sample I	D: 460-218	280-4
							Matrix:	
	-03S 5 6 9 9 •031 5 •031 5 •031 5 •031 5 •031 5 •031 10 10 10 10 10 10 10 10 10 10 10 10 10	Postead Intersection Q3 -03S -03S -03S -03S -03S -03S -03S -03S -03S -03C -03I -04 -05 Result Qualifier -07 -00 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10 -	Pstead Intersection Q3 -03S -03S	Patead Intersection Q3 -03S -03S	Answer Construction Secore over Secore	Postead Intersection Q3 La -03S La -03S Continued) %Recovery Qualifier Limits 91 39-150	Second Intersection Q3 Lab Sample Co3S 3 Lab Sample Second Compounds (GC/MS) (Continued) Second Compounds (GC/MS) (Continued) Second Compounds (GC/MS) (Continued) Prepared 09/16/20 09:53 Co3I Lab Sample Coal Prepared 09/16/20 09:53 Co3I Lab Sample Coal Prepared 09/16/20 09:53 Coal Number of Compounds by GC/MS Prepared Result Qualifier Linits 10 0.38 ug/L Prepared Second Compounds (GC/MS) Prepared Prepared To To To Prepared Second Compounds (GC/MS) Prepared Prepared To To Second Compounds (GC/MS) Prepared Result Qualifier Linits Prepared Prepared To To <	Analyzed British Compounds (GC/MS) (Continued) Prepared Diff.20009.3 (Diff

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	DUCO
Benzene	1.0 U	1.0	0.20 ug/L		e reparau	09/17/20 02:38	Dil Fac

Eurofins TestAmerica, Edison

Client Sample Results

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: H1MW-03D Date Collected: 09/14/20 12:25 Date Received: 09/14/20 18:00

Job ID: 460-218280-1

Lab Sample ID: 460-218280-4 Matrix: Water

	design and the second								
Method: 8260C - Volatile C Analyte	rganic Compo	ounds by (
Ethylbenzene		t Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Toluene		U	1.0	0,30				09/17/20 02:38	
Xylenes, Total	1.0		1.0	0.38				09/17/20 02:38	
Aylenes, lotal	2.0	D D	2.0	0,65	ug/L			09/17/20 02:38	
Surrogate	%Recovery	Qualifier	Limits				Prepared		
1.2-Dichloroethane-d4 (Surr)	85	5	75-123				rrepared	Analyzed 09/17/20 02:38	Dil Fa
4-Bromofluorobenzene	107	1	76-120					09/17/20 02:38	
Dibromolluoromethane (Surr)	104	t.	77-124					State LEW COURSE	
Toluene-d8 (Surr)	93	L.	80 - 120					09/17/20 02:38 09/17/20 02:38	
Method: 8270D - Semivolat	ile Organic C	moounde	ICCIMEN					COLUMN SAME	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared		-
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/16/20 09:53	Analyzed 09/17/20 05:35	Dil Fa
Acenaphihene	10	U	10	1.1	ug/L		09/16/20 09:53	and the second	
Acenaphthylene	10	U	10	0.82	ug/L		09/16/20 09:53	09/17/20 05:35	
Anthracene	10	U	10	0.63	ug/L		09/16/20 09:53	09/17/20 05:35	
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/16/20 09:53	09/17/20 05:35	
lenzo[a]pyrene	1.0	01	1.0	0.41	ug/L		09/16/20 09:53	09/17/20 05:35	
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L			09/17/20 05:35	
Benzo[g,h,i]perylene	10		10	1.4	ug/L		09/16/20 09:53	09/17/20 05:35	1.2
Benzo[k]fluoranthene	1.0	U.	1.0	0.67	ug/L		09/16/20 09:53	09/17/20 05:35	- 6
Chrysene	2.0	100	2.0	0.91	ug/L		09/16/20 09:53	09/17/20 05:35	- 3
Dibenz(a,h)anthracene	1.0	10.00	1.0	0.72	ug/L		09/16/20 09:53	09/17/20 05:35	
luoranthene	-10	U	10	0.84	ug/L		09/16/20 09:53	09/17/20 05:35	- 0
luorene	10	U	10	0.91	ug/L		09/16/20 09:53	09/17/20 05:35	
ndeno[1.2,3-cd]pyrene	2.0	Ú.	2.0	0.94	1.0		09/16/20 09:53	09/17/20 05:35	
laphthalene	2.0	1. P. P. S.	2.0	1.1	ug/L		 Contraction (Contraction) 	And they are the	
henanthrene	10		10		ug/L		09/16/20 09:53	09/17/20 05:35	
yrene	10	100 C	10	1.6	ug/L ug/L		09/16/20 09:53 09/16/20 09:53	09/17/20 05:35	1
urrogate	N Passaulant	0					10160 00100	03/11/20 03.33	4
Fluorobiphenyl	%Recovery 102	ansuner,	Limits				Prepared	Analyzed	Dil Fac
itrobanzene-d5 (Surr)	104		42.127				09/16/20 09:53	09/17/20 05:35	7
erphenyl-d14 (Surr)			46-137				09/16/20 09:53	09/17/20 05:35	7
- Annan Grant Poend	105		39-150			1	09/16/20 09:53	09/17/20 05:35	7

TIPIC ID. FD

Date Collected: 09/14/20 12:40 Date Received: 09/14/20 18:00

N A

Method: 8260C - Volatile C	Irganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L	- 7	repored	and the second second second second	Diffac
Ethylbenzene	1.0	11						09/17/20 01:03	
Toluene			1.0	0.30	ug/L			09/17/20 01:03	1
and the former	1.0	U	1.0	0.38	ug/L			09/17/20 01:03	1
Xylenes, Total	2.0	u	2.0	0.65	ug/L			09/17/20 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75-123				r repareu		Lui Fac
4-Bromofluorobenzene	122		100.002					09/17/20 01:03	1
Dibromofluoromethane (Sury)			76-120					09/17/20 01:03	1
	119		17-124					09/17/20 01:03	+
Toluene-d8 (Surr)	106		80-120					09/17/20 01:03	1

Eurofins TestAmerica, Edison

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: FB091420 Date Collected: 09/14/20 12:40 Date Received: 09/14/20 18:00

Job ID: 460-218280-1

Lab Sample ID: 460-218280-5 Matrix: Water

Method: 8270D - Semivo	platile Organic Co	mpounds	GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DUF
2-Methylnaphthalene	10	U	10	1.1	ug/L	- 7	09/16/20 09:53		Dil Fac
Acenaphthene	10	U	10	1.1	ug/L		09/16/20 09:53	and the second sec	3
Acenaphthylene	10	U	10	0.82			09/16/20 09:53		
Anthracene	10	U.	10	0.63			and the second	Contraction of the second	1
Benzo[a]anthracene	10	U	1.0	0.59	ug/L		09/16/20 09:53		1
Benzo[a]pyrene	1.0		1.0	0.41	1.7.1		09/16/20 09:53		1
Benzo[b]fluoranthene	2.0		2.0	1. A	ug/L		09/16/20 09:53	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Benzolg,h,I)perviene	10			0,68	ug/L		09/16/20 09:53	and the second second	1
Benzo[k]fluoranthena			10	1.4	ug/L		09/16/20 09:53	and the second second second second	1
Chrysene	1,0		1.0	0.67	ug/L		09/16/20 09:53	09/17/20 03:29	
	2.0		2.0		ug/L		09/16/20 09:53	09/17/20 03:29	1
Dibenz(a,h)anthracene	1.0		1.0	0.72	ug/L		09/16/20 09:53	09/17/20 03:29	1
Fluoranthene	10		10	0.84	ug/L		09/16/20 09:53	09/17/20 03:29	1
Fluorene	10		10	0.91	ug/L		09/16/20 09:53	09/17/20 03:29	1
Indeno[1.2,3-cd]pyrene	2.0	IJ	2.0	0.94	Ng/L		09/16/20 09:53	09/17/20 03:29	
Naphthalene	2.0	U	2.0	1.1	ug/L		09/16/20 09:53	09/17/20 03:29	
Phenanthrene	10	U	10	0.58	ug/L		09/16/20 09:53	09/17/20 03:29	1
Pyrene	10	U	10	11 × 1	ug/L		09/16/20 09.53	09/17/20 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Annhoused	61 F
2-Fluorobiphenyl	100		42-127				09/16/20 09:53	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	100		46.137				09/16/20 09:53	09/17/20 03:29	1
Terphenyl-d14 (Surr)	116		39-150				09/16/20 09:53	09/17/20 03:29	1

Client Sample ID: DUP-01

Date Collected: 09/14/20 00:00 Date Received: 09/14/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS

09/16/20 09:53 09/17/20 03:29

Lab Sample ID: 460-218280-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Benzene	1.0	U.	1.0	0.20	ug/L		- CONTRACTOR	09/17/20 03:02	Dirac
Ethylbenzene	1.0	u	1.0	0.30				09/17/20 03:02	
Toluene	1.0	U	1.0		ug/L				
Xylenes, Total	2.0	U	2,0		ug/L			09/17/20 03:02 09/17/20 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Anatosad	-
1.2-Dichloroethane-d4 (Surr)	86		75-123				rrepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		76-120					09/17/20 03:02	1
Dibromofluoromethane (Surr)	102		77-124					09/17/20 03:02	1
Toluene-d8 (Surr)	92		80-120					09/17/20 03:02	1
Service has leading								190/17/200 100 100	
								09/17/20 03:02	,
		mpounds						WW 11120 03.02	1
Method: 8270D - Semivola Analyte	tile Organic Co	mpounds Qualifier		MDL	Unit	D	Prepared		0.0
Method: 8270D - Semivolat	tile Organic Co	Qualifier	(GC/MS)			D	Prepared	Analyzed	Dil Fac
Method: 8270D - Semivola Analyte	tile Organic Co Result 10	Qualifier	(GC/MS) RL	1,1	ug/L	D	09/16/20 09:53	Analyzed 09/17/20 03:50	DII Fac
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene	tile Organic Co Result 10	Qualifier U U	(GC/MS) RL 10 10	1,1 1,1	ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50	Dil Fac
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthene	tile Organic Co Result 10 10 10	Qualifier U U U	(GC/MS) RL 10 10 10	1.1 1.1 0.82	ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 1 1
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene	tile Organic Co Result 10 10 10	Qualifier U U U U	(GC/MS) RL 10 10 10 10	1.1 1.1 0.82 0.63	ug/L ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 1 1 1
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(ajanthracene	tile Organic Co Result 10 10 10 10 10	Qualifier U U U U U U	(GC/MS) RL 10 10 10 10 10 10	1,1 1,1 0,82 0,63 0,59	ug/L ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 1 1 1 1
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthylene Acenaphthylene Anthracene Benzo[a]anthracene Benzo[a]pyrene	tile Organic Co Result 10 10 10 10 10 1.0	Qualifier U U U U U U U U	(GC/MS) RL 10 10 10 10 10 1.0 1.0	1.1 1.1 0.82 0.63 0.59 0.41	ug/L ug/L ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 7 1 1 1 1
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene	tile Organic Co Result 10 10 10 10 10 10 10 2.0	Qualifier U U U U U U U U U U	(GC/MS) RL 10 10 10 10 10 1.0 1.0 2.0	1.1 1.1 0.82 0.63 0.59 0.41 0.68	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 1 1 1 1 1 1 1
Method: 8270D - Semivolat Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene	tile Organic Co Result 10 10 10 10 10 1.0	Qualifier U U U U U U U U U U U U	(GC/MS) RL 10 10 10 10 10 1.0 1.0	1.1 1.1 0.82 0.63 0.59 0.41 0.68	ug/L ug/L ug/L ug/L ug/L	D	09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53 09/16/20 09:53	Analyzed 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50 09/17/20 03:50	Dil Fac 1 1 1 1 1 1 1 1 1

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: DUP-01 Date Collected: 09/14/20 00:00 Date Received: 09/14/20 18:00

Job ID: 460-218280-1

Dil Fac

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Dil Fac

Matrix: Water

Lab Sample ID: 460-218280-6 Matrix: Water

Lab Sample ID: 460-218280-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed
Chrysene	2.0	U	2.0	0.91	ug/L		09/16/20 09:53	09/17/20 03:50
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		09/16/20 09:53	09/17/20 03:50
Fluoranthene	10	u	10	0,84			09/16/20 09:53	09/17/20 03:50
Fluorene	10	U	10	0.91	ug/L		09/16/20 09:53	09/17/20 03:50
Indeno[1,2,3-cd]pyrene	2,0	U	2.0	0.94	ug/L		09/16/20 09:53	09/17/20 03:50
Naphthalene	2.0	U	2.0	1.1	ug/L		09/16/20 09:53	COLUMNER PRIME
Phenanthrene	10	U	10	0.58			09/16/20 09:53	09/17/20 03:50
Pyréné	10	U	10		ug/L		09/16/20 09:53	09/17/20 03:50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed
2-Fluorobiphenyl	104		42-127				09/16/20 09:53	09/17/20 03:50
Nitrobenzene-d5 (Surr)	108		46-137				09/16/20 09:53	09/17/20 03:50
Terphenyl-d14 (Sun)	114		39 - 150				09/16/20 09:53	09/17/20 03:50

Client Sample ID: H1MW-13S

Date Collected: 09/14/20 11:05 Date Received: 09/14/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ua/L			09/17/20 03:25	
Ethylbenzene	1.0	U	1.0	0.30	ua/L			09/17/20 03:25	
Toluene	1.0	U	1.0		ug/L				
Xylenes, Total	2.0	U	2.0		ug/L			09/17/20 03:25 09/17/20 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75-123			-	, repared	09/17/20 03/25	Din Fac
4-Bromofluorobenzene	118		76-120					and the second	1
Dibromofluoromethane (Surr)	114		77-124					09/17/20 03:25	1
Toluene-d8 (Surr)	101							09/17/20 03:25	1
initiality and initiality	101		80.120					09/17/20 03:25	.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/16/20 09:53	09/17/20 04:11	d
Acenaphthene	10	U	10	1.1			09/16/20 09:53	09/17/20 04 11	4
Aceriaphthylene	10	U	10	0.82			09/16/20 09:53	09/17/20 04:11	
Anthracene	10	U	10	0.63	ug/L		09/16/20 09:53	09/17/20 04:11	1
Benzojajanthracene	1,0	U	1.0	0.59	ug/L		09/16/20 09:53	09/17/20 04 11	4
Benzo[a]pyrene	1.0	0.	1.0	0.41	ug/L		09/16/20 09:53	09/17/20 04:11	
Benzo[b]fluoranthene	2.0	u	2.0	0.68	ug/L		09/16/20 09:53	09/17/20 04:11	4
Benzo[g,h,i]perylene	10	U.	10	1.4	ug/L		09/16/20 09:53	09/17/20 04 11	
Benzo[k]fluoranthene	10	u	1.0	0.67	ug/L		09/16/20 09:53	and the second second	
Chrysene	2.0	U.	2.0	0.91	ug/L		09/16/20 09:53	09/17/20 04:11	
Dibenz(a,h)anthracene	1.0	U	1.0.	0.72	ug/L		09/16/20 09:53	09/17/20 04:11	
Fluoranthene	10.		10	0.84			09/16/20 09:53	09/17/20 04:11	
Fluorene	10	U	10	0.91			09/16/20 09:53	09/17/20 04:11	
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0,94			D9/16/20 09:53	09/17/20 04:11	
Naphthalene	2.0		2.0	1.1	ug/L		09/16/20 09:53	09/17/20 04:11	
Phenanthreno	10	U.	10	0.58	ug/L		09/16/20 09:53	and the state of the state of the	
Pyrene	10		10		ug/L		09/16/20 09:53	09/17/20 04:11 09/17/20 04:11	

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: H1MW-13S Date Collected: 09/14/20 11:05 Date Received: 09/14/20 18:00

Surrogate		%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl		101	42-127	09/16/20 09:53 0		- de
Nitrobenzene-d5 (Surr)		99	46 - 137	09/16/20 09:53 0		4
Terphenyl-d14 (Surr)	HT	109	39 - 150	09/16/20 09:53 0	A	1
Client Sample ID: Date Collected: 09/14				Lab Sample ID	0: 460-218	

Date Received: 09/14/20 18:00

Terphenyl-d14 (Sun)

Method: 8260C - Volatile O Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DUCA
Benzene	1.0	U	1.0	0.20	and the second s		riepared	09/17/20 03:49	Dil Fac
Ethylberizene	1.0	U	10	0.30				09/17/20 03:49	1
Toluene	1.0	U	10	0.38				09/17/20 03:49	1
Xylenes, Total	2.0	u	2:0	0.65				09/17/20 03:49	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
1.2-Dichloroethane-d4 (Surr)	85		75.123				. repaired	09/17/20 03.49	DIFAC
4-Bromofluorobenzene	108		76-120					09/17/20 03:49	5
Dibromofluoromethane (Surr)	104		77-124					09/17/20 03:49	
Toluene-d8 (Sum)	93		80.120					09/17/20 03:49	1
Method: 8270D - Semivolat	ile Organic Co	mpounds	(GC/MS)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/16/20 09:53	09/17/20 06:59	un rau
Acenaphthene	10	U	10	1.1	ug/L		09/16/20 09:53	09/17/20 06:59	4
Acenaphthylene	10	U	10	0.82	ug/L		09/16/20 09:53	09/17/20 06:59	
Anthracene	10	U	10	0.63	ug/L		09/16/20 09:53	09/17/20 06:59	
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/16/20 09:53	09/17/20 06:59	
Benzojajpyrene	1.0	U1	1.0	0.41	ug/L		09/16/20 09:53	09/17/20 06:59	
Senzo(b)/luoranthene	2.0	U	2.0	88.0	ug/L		09/16/20 09:53	09/17/20 06:59	- 12
Benzo[g,h,i]perylene	10	U	10	i.4	ug/L		09/16/20 09:53	the second s	
Benzo[k]fluoranthene	10	U	1.0	0.67	Ug/L		09/16/20 09:53	09/17/20 06:59	
Chrysene	2.0	u	2.0	0.91	ug/L		09/16/20 09:53		1
Dibenz(a,h)anthracene	1.0	u	1.0	555	ug/L		09/16/20 09:53	09/17/20 06:59	
luoranthene	10	U	10	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ug/L		09/16/20 09:53	09/17/20 06:59	
Fluorene	10.	U	10	0.91			09/16/20 09:53		
ndena[1,2,3-cd]pyrene	2.0	U	2.0	0.94			09/16/20 09:53	09/17/20 06:59	1
Vaphthalene	2.0	U	2.0		Ug/L		Provide Contractor	09/17/20 D6:59	1
henanthrene	10	U.	10		ug/L		09/16/20 09:53	09/17/20 06:59	1
zyrene	10		10		ug/L		09/16/20 09:53 09/16/20 09:53	09/17/20 06:59 09/17/20 06:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Anaburad	Dil Fac
P-Fluarabiphenyl	97	- 2004(CE+	42-127				09/16/20 09:53	Analyzed 09/17/20 05:59	Dirac
litropenzene-d5 (Surr)	99		46-137				09/16/20 09:53	09/17/20 06:59	1

09/16/20 09:53 09/17/20 06:59

09/16/20 09:53 09/17/20 06:59

39 - 150

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Job ID: 460-218280-1

Matrix: Water

Lab Sample ID: 460-218280-7 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: H1MW-13D Date Collected: 09/14/20 13:25 Date Received: 09/14/20 18:00

Lab Sample ID: 460-218280-9 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	0.91	J	1.0	0.20		- 2	(repared	09/17/20 04:13	DITA
Ethylbenzene	1.0	U	1.0	0.30				09/17/20 04:13	
Toluene	1.0	U.	1.0		ug/L			09/17/20 04:13	
Xylenes, Total	2.0	U	2.0		ug/L			09/17/20 04:13	
					- 3			03/11/20 04:13	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	86		75-123					09/17/20 04:13	
4-Bromofluorobanzene	103	6	76.120					09/17/20 04:13	
Dibromofluoromethane (Surr)	103		77-124					09/17/20 04:13	
Toluene-d8 (Sun)	90		80-120					09/17/20 04-13	
Method: 8270D - Semivolat	ile Organic Co	mpounds	(GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DilFa
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/16/20 09:53	09/17/20 04:32	Child
Acenaphthene	4.9	J	10	1.1	ug/L		09/16/20 09:53	09/17/20 04:32	
Acenaphthylene	8.2	3	10	0.82	ug/L		09/16/20 09:53	09/17/20 04-32	
Anthracene	10	U	10	0.63	ug/L		09/16/20 09:53	09/17/20 04:32	1.1
Benzo(a)anthracene	1.0	U	1.0	0.59	ug/L		09/16/20 09:53	1 to the states	
Benzo(a)pyrene	1.0	UT	1.0	0.41	ug/L		09/16/20 09:53	and they share	
Benzo[b]fluoranthene	2.0	U	2.0		ug/L		09/16/20 09:53	09/17/20 04:32	
Benzo(g,h,i)perylene	10	U	10	1.4	ug/L		09/16/20 09:53	09/17/20 04:32	
Benzo(k)fluoranthene	10	U	1.0	0.67	ug/L		09/16/20 09:53	09/17/20 04:32	
Chryseno	2.0	U	2.0	0.91	ug/L		09/16/20 09:53	09/17/20 04:32	
Dibenz(a,h)anthracene	1.0	U	1.0	0.72			09/16/20 09:53	09/17/20 04:32	
luoranthene	10	U	10	0.84	ug/L		09/16/20 09:53	1999 M 11 1 1 1 1 2 2	
luorena	10	U	10	0.91	ug/L		09/16/20 09:53	and the second	
ndeno(1,2,3-cd)pyrane	2.0	U	2.0		ug/L		09/16/20 09:53	A MALE AND A MARK	
laphthalene	2.0	U	2.0		ug/L				
henanthrene		U	10	0.58			09/16/20 09:53		
угиле	10		10	1.6			09/16/20 09:53 09/16/20 09:53		
urrogate	%Recovery	Qualifier	Limits						-
-Fluorobiphenyl	92		42-127				Prepared	Analyzed	Dil Fac
litrobenzene-d5 (Surr)	94		46 - 137				09/16/20 09:53	09/17/20 04:32	1
erphenyl-d14 (Sun)	94		39 - 150				09/16/20 09:53	09/17/20 04:32	1
		_	08-100				09/16/20 09:53	09/17/20 04:32	1
ient Sample ID: DUP-0	2					1 at	Contral In	: 460-2182	

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
0.93	J	1.0	0.20	ug/L			and the second se	4
1.0	U	1.0						
1.0	u	1.0		-				-
2.0	U	2.0		-			09/17/20 04:37	1
%Recovery	Qualifier	Limits				Prenared	Analyzed	Dil Fac
93		75-123				A repared	and the second s	Ull Pac
119							to an estimate reprised	1
777		77-124					09/17/20 04:37	Ť
	0.93 1.0 1.0 2.0 %Recovery 93 119	119	0.93 J 1.0 1.0 U 1.0 1.0 U 1.0 2.0 U 2.0 %Recovery Qualifier Limits 93 75-123 119 76-120	0.93 J 1.0 0.20 1.0 U 1.0 0.30 1.0 U 1.0 0.38 2.0 U 2.0 0.65 %Recovery Qualifier Limits 93 75-123 119 76-120	0.93 J 1.0 0.20 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 93 75-123 119 76-120	0.93 J 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 93 75-123 119 76-120	0.93 J 1.0 0.20 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.38 ug/L 2.0 1.0 0.38 ug/L 3.0 75.123 119 76.120	0.93 J 1.0 0.20 ug/L 09/17/20 04:37 1.0 1.0 0.30 ug/L 09/17/20 04:37 1.0 1.0 0.30 ug/L 09/17/20 04:37 1.0 1.0 0.38 ug/L 09/17/20 04:37 2.0 U 2.0 0.65 ug/L 09/17/20 04:37 %Recovery Qualifier Limits Prepared Analyzed 93 75-123 09/17/20 04:37 09/17/20 04:37 119 76-120 09/17/20 04:37 09/17/20 04:37 111 76-120 09/17/20 04:37 09/17/20 04:37

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: DUP-02 Date Collected: 09/14/20 00:00 Date Received: 09/14/20 18:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Toluene-d8 (Surr)	101		80 - 120					09/17/20 04:37	Dira
Method: 8270D - Semivol	atile Organic Co	mpounds	(GC/MS)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	010
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/16/20 09:53	09/17/20 04:53	Dil Fac
Acenaphthene	5.3	3	10	1.1	ug/L		09/16/20 09:53		
Acenaphthylene	9.7	J	10	0.82	ug/L		09/16/20 09:53	09/17/20 04:53	
Anthracene	10	U.	10	0.63	ug/L		09/16/20 09:53	09/17/20 04:53	
Benzo[a]anthracene	1.0	Ú.	1.0	0.59	ug/L		09/16/20 09:53	09/17/20 04:53	
Benzo[a]pyrene	1.0	Ut	10	0.41	ug/L		09/16/20 09:53	09/17/20 04:53	
Benzo[b]fluoranthene	2.0	U	2,0	0.68	ug/L		09/16/20 09:53	09/17/20 04:53	
Benzo[g,h.i]perylene	10	U.	10	1.4	Ug/L			09/17/20 04:53	17
Benzo[k]fluoranthene	1.0		1.0	0.67	ug/L		09/16/20 09:53	09/17/20 04:53	
Chrysene	2.0		2.0	0.91			09/16/20 09:53	09/17/20 04:53	- 0
Dibenz(a,h)anthracene	1.0		1.0	0.72	ug/L		09/16/20 09:53	09/17/20 04:53	- 2
Fluoranthene	10	Ŭ	10		ug/L		09/16/20 09:53	09/17/20 04:53	1.1
Fluorene	10	U		0.84	ug/L		09/16/20 09:53	09/17/20 04:53	
Indeno[1.2,3-cd)pyrene			10	0.91	ug/L		09/16/20 09:53	09/17/20 04:53	7
Naphinalene			2.0		ug/L		09/16/20 09:53	09/17/20 04:53	7
Phenanthrene	20		2.0	1.1	ug/L		09/16/20 09:53	09/17/20 04:53	1
Pyrene	10	u	10		ug/L		09/16/20 09:53	09/17/20 04:53	1
, yielle	10	U	10	1.6	ug/L		09/16/20 09:53	09/17/20 04:53	17
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DUE
2-Fluorobiphenyl	103		42-127				09/16/20 09:53	09/17/20 04:53	Dil Fac
Nitrobenzene-d5 (Surr)	104		46 - 137				09/16/20 09:53	09/17/20 04:53	-
Terphenyl-d14 (Surr)	108		39 - 150				09/16/20 09:53	09/17/20 04:53	7

Client Sample ID: FB-091420CB Date Collected: 09/14/20 14:30 Date Received: 09/14/20 18:00

	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene 1.0	U.	1:0	0.20	ug/L			09/17/20 00:15	
Ethylbenzene 1.0	U.	1.0	0.30	ug/L			09/17/20 00:15	
Toluene 1.0	U	1.0		Ng/L			09/17/20 00:15	
Xylenes, Total 2.0	0	2.0		ug/L			09/17/20 00:15	1
Surrogate %Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surt) 78		75-123				Traparea	09/17/20 00:15	Durac
4-Bromofluorobenzene 97		76-120					09/17/20.00:15	
Dibromofluoromethane (Surr) 96		77-124						7
Toluene-d8 (Surr) B5		80 120					09/17/20 00:15 09/17/20 00:15	7
Method: 8270D - Semivolatile Organic Co	mpounds	(GC/MS)						
	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
-Methylnaphthalene 10	U	10	1.1	ug/L		09/16/20 09:53	D9/17/20 05:14	Darad
Acenaphthene 10	u	10	1.1	ug/L		09/16/20 09:53	1.4.4.4.4.000	
Acenaphthylene to	U	10	0,82	ug/L		09/16/20 09:53	09/17/20 05:14	1
Anthracene 10	U.	10	0.63	ug/L		09/16/20 09:53	09/17/20 05:14 09/17/20 05:14	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-218280-11

Matrix: Water

Job ID: 460-218280-1

Lab Sample ID: 460-218280-10 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3

Client Sample ID: FB-091420CB Date Collected: 09/14/20 14:30 Date Received: 09/14/20 18:00

Job ID: 460-218280-1

Lab Sample ID: 460-218280-11 Matrix: Water

Method: 8270D - Semivo Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/16/20 09:53		1
Benzo[a]pyrene	1.0	U*	1.0	0.41	ug/L		09/16/20 09:53	A State of Contract of Contrac	
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		09/16/20 09:53		
Benzo(g,h,i)perylene	10	U	10		ug/L		09/16/20 09:53	09/17/20 05:14	
Benzo[k]fluoranthene	1.0	U	10		ug/L		09/16/20 09:53	09/17/20 05:14	
Chrysene	2.0	U.	2.0		ug/L		09/16/20 09:53	09/17/20 05:14	
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	-		09/16/20 09:53	09/17/20 05:14	
Fluoranthène	10	U	10	0.84			09/16/20 09:53	09/17/20 05:14	1
Fluorene	10	U	10		ug/L		09/16/20 09:53	and a state of the	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	10.10	ug/L		09/16/20 09:53	09/17/20 05:14	
Naphthalene	2.0	U	2.0		ug/L		09/16/20 09:53	and a second	1
Phenanthrene	10	U	10	1.000			09/16/20 09:53	09/17/20 05:14	
Pyrene.	10		10		ug/L		09/16/20 09:53	09/17/20 05:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	100		42-127				09/16/20 09:53	09/17/20 05:14	Dirrac
Nitrobenzene-d5 (Surr)	99		46 . 137				09/16/20 09:53	09/17/20 05:14	
Terphenyl-d14 (Surr)	115		39-150				09/16/20 09:53	09/17/20 05:14	1

1:00 mapping 194	they the	and have	and the	1404		typeduct	Musher by
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are retained longer than 5 month)	at (A fee may be assessed if aemples are retained longer than 9 month	Sumple Disposal (mpla in The	is for the se	Waste Cod	etse List any EPA	A Managlous dispose of th
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			S		1105	-	HIMM -13.5
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Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Job ID: 460-218380-1

Matrix: Water

Matrix: Water

Lab Sample ID: 460-218380-1

Lab Sample ID: 460-218380-2

Client Sample ID: TB091520 Date Collected: 09/15/20 00:00 Date Received: 09/15/20 19:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L		Tiskalea	and the second s	Ulirac
Ethylbenzene	1.0	11						09/17/20 21:42	1
Toluene			1.0	0.30				09/17/20 21:42	1
	1.0		1.0	0.38	ug/L			09/17/20 21:42	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/17/20 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	-
1,2-Dichloroelhane-d4 (Surr)	96		75-123				richared	the subscripts of the subscripts of the	Dil Fac
4-Bromofluorobenzene	107		1.21 . 1.22					09/17/20 21:42	1
			76-120					09/17/20 21:42	1
Dibromofluoromethane (Surr)	103		77-124					09/17/20 21:42	1
Toluene-d8 (Surr)	98		80-120					09/17/20 21.42	

Client Sample ID: H1MW-27S

Date Collected: 09/15/20 09:15 Date Received: 09/15/20 19:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.1		2.0	0.41	ug/L			09/18/20 04:40	2
Ethylbenzene	400		2.0	0.60	ug/L			09/18/20 04:40	-
Toluene	12		20		ug/L			09/18/20 04:40	4
Xylenes, Total	440		4.0	1000	ug/L			Contraction of the sector of the	2
			4.4	1.0	ugri			09/18/20 04:40	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75.123				(Tepares	09/18/20 04:40	Dirac
4-Bromofluorobenzene	104		76-120					and the second se	2
Dibromofluoromethane (Surr)	105		77-124					09/18/20 04:40	2
Toluene-d8 (Surr)								09/18/20 04:40	2
ionene-uo (oun)	100		80-120					09/18/20 04:40	2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	280		100	11	ug/L	-	09/17/20 09:57	09/18/20 06:56	10
Acenaphthene	77	2	100	11	ug/L		09/17/20 09:57	09/18/20 06:56	10
Acenaphthylene	100	U	100	8.2	ug/L		09/17/20 09:57	09/18/20 06:55	10
Anthracene	100	U	100	6.3	ug/L		09/17/20 09:57	09/18/20 06:56	10
Benzo[a]anthracene	10	U	10	5.9	ug/L		09/17/20 09:57	09/18/20 06:56	10
Benzojajpyrene	10	U+	10	4.1	ug/L		09/17/20 09:57	09/18/20 06:56	10
Benzo[b]fluoranthene	20	U	20	6.8	ug/L		09/17/20 09:57	09/18/20 06:56	10
Benzo[g,h,i]perylene	100	UT	100	14	ug/L		09/17/20 09:57	09/18/20 06:56	10
Benzo[k]fluoranthene	10	U	10	6.7			09/17/20 09:57	09/18/20 06:56	10
Chrysene	20	U	20	9,1	ug/L		09/17/20 09:57	09/18/20 06:56	10
Dibenz(a,h)anthracena	10	UF	10	7.2	ug/L		09/17/20 09:57	09/18/20 06:56	10
Fluoranthene	100		100		ug/L		09/17/20 09:57	09/18/20 06:56	10
Fluorene	32	J	100		ug/L		09/17/20 09:57	09/18/20 06:56	10
Indeno[1,2,3-cd]pyrene	20	WT-	:20		Ug/L		09/17/20 09:57	09/18/20 06:56	10
Naphthalene	970		:20		ug/L		09/17/20 09:57	09/18/20 06:56	10
Phenanthrene	33	J	100		ug/L		09/17/20 09:57	09/18/20 06:55	10
Pyrene	100	UJ.	100		ug/L		09/17/20 09:57	09/18/20 06:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	-
2-Fluorobiphenyl	94		42-127				09/17/20 09:57	09/18/20 06:56	Dil Fac 10
Nitrobenzene-d5 (Surr)	93		46-137				09/17/20 09:57	09/18/20 06:55	10

Client: GEI Consultants, Inc. Project/Site; National Grid Hempstead Intersection

Client Sample ID: H1MW-27S Date Collected: 09/15/20 09:15 Date Received: 09/15/20 19:00

Job ID: 460-218380-1

Lab Sample ID: 460-218380-2 Matrix: Water

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	109	1	39-150				09/17/20 09:57	which the subscreent state of the	Dira
Client Sample ID: H1M						1.	h Samala	10. 400 041	2200 2
Date Collected: 09/15/20 08						La	in sample	ID: 460-21	
Date Received: 09/15/20 19:								Matrix	: Water
Method: 8260C - Volatile O	raanic Compo	unde hu C	CALC						-
Analyte		Qualifier		-				a horacina	
Benzene		U	RL	and the second se	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	7.0	1.0	0.20				09/17/20 23:45	1
Toluene	1.0		1.0	0.30				09/17/20 23:45	1
Xylenes, Total	2.0		1,0		ug/L			09/17/20 23:45	1
Alicines, form	2.0	u	2.0	0.65	ug/L			09/17/20 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75-123					09/17/20 23:45	
4-Bromofluorabenzene	106		76-120					09/17/20 23:45	
Dibromofluoromethane (Surr)	106		77-124					09/17/20 23:45	
Toluene-d8 (Surr)	98		80 - 120					09/17/20 23:45	
Mathad 92700 Cartala								WW 11150 20.30	,
Method: 8270D - Semivolat Analyte		Qualifier			15.00		Carlina 1		
2-Methylnaphthalene	10	U	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	U	10	1,1	ug/L		09/17/20 09:57	09/17/20 23:55	1
Acenaphthylene	10	U	10	1.1	ug/L		09/17/20 09:57	09/17/20 23:55	1
Anthracene			10	0.82	ug/L		09/17/20 09:57	09/17/20 23:55	T
	10	1.20	10	0.63	ug/L		09/17/20 09:57	09/17/20 23:55	4
Benzolajanthracene	1,0	U	1.0	0.59	ug/L		09/17/20 09:57	09/17/20 23:55	7
Benzo[a]pyrene	1.0	01	1.0	0.41	ug/L		09/17/20 09:57	09/17/20 23:55	
Benzo[b]fluoranthene	2.0	u	2.0	0.68	ug/L		09/17/20 09:57	09/17/20 23:55	
Benzo(g,h,I)perylene	10	UT)	10	1:4	ug/L		09/17/20 09:57	09/17/20 23:55	11
Benzo[k]fluoranthene	1.0	U	1,0	0.67	ug/L		09/17/20 09:57	09/17/20 23:55	1
Chrysene	2.0		2.0	0.91	ug/L		09/17/20 09:57	09/17/20 23:55	1
Dibenz(a,h)anthracene	1.0	UF	1=0	0.72	Ug/L		09/17/20 09:57	09/17/20 23:55	4
Fluoranthene	10	U	10	0.84	ug/L		09/17/20 09:57		
Fluarene	10	U.	10	0.91	ug/L		09/17/20 09:57	09/17/20 23:55	4
Indeno[1,2,3-cd]pyrene	2,0	UJ -	2.0	0.94			09/17/20 09:57	and a state of the	
Naphthalene	2.0	U	2.0		1 m m		09/17/20 09:57		
Phenanthrene	10	U	10	0.58			09/17/20 09:57	09/17/20 23:55	1
Pyrene	10	UJ	10	1	ug/L		09/17/20 09:57		3
Surrogate	*/Papaular	Qualifian	Limits						E.C.
2-Fluorobiphenyl	%Recovery 100	Guanner	42 - 127				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)							09/17/20 09:57	09/17/20 23:55	1
Terphenyl-d14 (Surr)	102		46 - 137				09/17/20 09:57	09/17/20 23:55	7
HE	149		39-150			0	09/17/20 09:57	09/17/20 23:55	1
lient Sample ID: H1MW						La	b Sample I	D: 460-218	380-4
	15							Matrix:	
ate Collected: 09/15/20 11:3									
Date Collected: 09/15/20 11:3 Date Received: 09/15/20 19:0	10	inds by GC	:/MS		-	-			
ate Collected: 09/15/20 11:3	0 ganic Compou	inds by GC Qualifier	/MS RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: H1MW-28S Date Collected: 09/15/20 11:35

Date Received: 09/15/20 19:00

Job	ID:	460-21	8380-1
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Lab Sample ID: 460-218380-4 Matrix: Water

Method: 8260C - Volatile Or Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Ethylbenzene	140		1.0	0.30	-0			09/18/20 00:09	
Toluene	2.6		1.0	0.38	ug/L			09/18/20 00:09	
Xylenes, Totał	14		2.0	0.65	ug/L			09/18/20 00:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1.2-Dichloroethane-d4 (Surr)	102		75-123					09/18/20 00:09	Dura
t-Bromafluorobenzene	105		76-120					09/18/20 00:09	
Dibromofluoromethane (Surr)	107		77-124					09/18/20 00:09	
Toluene-d8 (Sun)	98		80-120					09/18/20 00:09	
Method: 8270D - Semivolati	ile Organic Co	mpounds	(GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Oll Fa
2-Methylnaphthalene	88		50	5.5	ug/L	- 14	09/17/20 09:57	09/18/20 07:17	
Acenaphthene	33	J	50	5.4	ug/L		09/17/20 09:57	09/18/20 07:17	19
Acenaphthylene	50	U	50	4.1	ug/L		09/17/20 09:57	09/18/20 07:17	
Anthracene	3.3	3	50	3.2	ug/L		09/17/20 09:57		
3enzo[a]anthracene	5.0	U	5,0	3.0	Ug/L		09/17/20 09:57	4.44 . million and 1.44	
Benzo[a]pyrene	5.0	U.	5.0	2.0	ug/L		09/17/20 09:57		
Benzo(b)fluoranthene	10	U	7.0	3.4	ug/L		09/17/20 09:57	and a second	1
3enzo[g.h,i]perylene	50	1JT -	50	7.1	ug/L		09/17/20 09:57	09/18/20 07:17	
Benzo(k)/luoranthene	5.0	U	5.0	3.4	ug/L		09/17/20 09:57	09/18/20 07:17	
Chrysene	10	U.	10	4.5	ug/L		09/17/20 09:57	09/18/20 07:17	
Dibenz(a,h)anthracene	5.0	UT.	5.0	3.6	ug/L		09/17/20 09:57	09/18/20 07:17	ł
Fluoranthene	50	U	50	4.2	ug/L		09/17/20 09:57	09/18/20 07:17	
Fluorene	16	and the second sec	50		ug/L		09/17/20 09:57	09/18/20 07:17	5
ndeno[1,2,3-cd]pyrene	10	UT	10	47	ug/L		09/17/20 09:57	09/18/20 07:17	5
Naphthalene	340		10	5.7	ug/L		09/17/20 09:57	09/18/20 07:17	5
Phenanthrene	19	J	50	2.9	ug/L		09/17/20 09:57	09/18/20 07:17	5
Pyrene	50	u I -	50	8,2	ug/L		09/17/20 09:57	09/18/20 07:17	5
iurrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Fluorobiphenyl	89		42-127				09/17/20 09:57	09/18/20 07:17	5
litrobenzene-d5.(Surr)	89		46-137				09/17/20 09:57	09/18/20 07:17	5
Ferphenyl-d14 (Surr)	104		39.150				09/17/20 09:57	09/18/20 07:17	5
lient Sample ID: H1MW ate Collected: 09/15/20 10:1						-		D: 460-218	380-

Date Received: 09/15/20 19:00

Method: 8260C - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U.	1.0	0.20	ug/L	-	To observe	09/18/20 22:48	1
Ethylbenzene	0.33	J	1.0	0.30				09/18/20 22:48	
Taluene	1.0	U	1.0	0.38				09/18/20 22:48	
Xylenes, Total	2.0	u	2.0	0.65				09/18/20 22:48	T
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75-123				Condition and	09/18/20 22:48	1
4-Bromofluorobenzene	105		76-120					09/18/20 22:48	
Dibromofluoromethane (Surr)	105		77 - 124					09/18/20 22:48	+
Toluene-d8 (Surr)	98		80.120					09/18/20 22:48	1

Eurofins TestAmerica, Edison

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: H1MW-28I

Date Collected: 09/15/20 10:10 Date Received: 09/15/20 19:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/17/20 09:57	09/18/20 00:37	1
Acenaphthene	10	u	10	1.1	ug/L		09/17/20 09:57	09/18/20 00:37	1
Acenaphthylene	10	U	10	0.82	Lig/L		09/17/20 09:57	09/18/20 00:37	4
Anthracene	10	U	10	0.63	ug/L		09/17/20 09:57	09/18/20 00:37	1
Benzo[a]anthracene	1.0	U	1.0	0.59			09/17/20 09:57	09/18/20 00:37	
Benzo[a]pyrene	1.0	U#	1.0		ug/L		09/17/20 09:57	09/18/20 00:37	1
Benzo[b]fluoranthene	2.0	U	2.0		ug/L		09/17/20 09:57	09/18/20 00:37	1
Benzo[g,h,l]perylene	10	UT -	10	1.4	ug/L		09/17/20 09:57	09/18/20 00:37	-
Banzo[k]fluoranthene	1.0	U.	1.0	0.67			09/17/20 09:57	09/18/20 00:37	-
Chrysene	2.0	U	2.0	0.91	ug/L		09/17/20 09:57	09/18/20 00:37	1
Dibenz(a,h)anthracene	1.0	UT .	1.0	0.72			09/17/20 09:57	09/18/20 00:37	1
Fluoranthene	10	U.	10	0.84			09/17/20 09:57	09/18/20 00:37	
Fluorene	t0	Ú.	10	0.91	ug/L		09/17/20 09:57	09/18/20 00:37	
Indeno[1,2,3-cd]pyrene	2.0	UT-	2.0	0.94	ug/L		09/17/20 09:57	09/18/20 00:37	2
Naphthalene	2.0		2.0	1.1	ug/L		09/17/20 09:57	09/18/20 00:37	
Phenanthrene	10	U	10	0,58	ug/L		09/17/20 09:57	09/18/20 00:37	
Pyrene	10	,LU,	10		ug/L		09/17/20 09:57	09/18/20 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	100		42-127				09/17/20 09:57	09/18/20 00:37	1

Surrogate		%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl		100		42-127	09/17/20 09:57	and the second sec	
Nitrobenzene-d5 (Surr)		99		46 - 137	09/17/20 09:57	State of the second state	
Terphenyl-d14 (Surr)	HE	131		39.150	09/17/20 09:57	a statute a second	

Client Sample ID: H1MW-14I

Date Collected: 09/15/20 11:35

Date Received: 09/15/20 19:00

Method: 8260C - Volatile	Organic	Compounds	by GC/MS
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Lab Sample ID: 460-218380-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.46	J	1.0	0.20	aig/L	_	- manual	09/18/20 00:59	1
Ethylbenzene	1.0	U	0.7	0.30	ug/L			09/18/20 00:59	+
Toluene	1.0	U	1.0	0.38	ug/L			09/18/20 00 59	
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/18/20 00:59	3
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethano-d4 (Surr)	97		75.123					09/18/20 00:59	1
4-Bromofluorobenzene	109		76-120					09/18/20 00:59	+
Dibromofluoromethane (Surr)	104		77-124					09/18/20 00:59	
Toluene-d8 (Surr)	97		80 - 120					09/18/20 00:59	1
Toluene-d8 (Surr) Method: 8270D - Semivola		mpounds	Contract of					09/18/20 00:59	7
Method: 8270D - Semivola	tile Organic Co	mpounds Qualifier	Contract of	MDL	Unit	D	Prepared		1 Dil Fac
Method: 8270D - Semivola ^{Analyte}	tile Organic Co		(GC/MS)	MDL 1.1	Unit ug/L	D	Prepared 09/17/20 09:57	Analyzed	7 Dil Fac
Toluene-d8 (Surr) Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene	tile Organic Co Result	Qualifier U	(GC/MS) RL			D	09/17/20 09:57	Analyzed 09/18/20 06:35	7 Dil Fac 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene	tile Organic Co Result 10	Qualifier U J	(GC/MS) RL 10	1.1	ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35	7 Dil Fac 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene	tile Organic Co Result 10 2.6	Qualifier U J J	(GC/MS) RL 10 10	1.1 1.1 0.82	ug/L ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35	7 Dil Fac 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalane Acenaphthene Acenaphthylene Anthracene	tile Organic Co Result 10 2.6 3.4	Qualifier U J J U	(GC/MS) RL 10 10 10	1.1 1.1 0.82 0.63	ug/L ug/L ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35	T Dil Fac 1 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzojajanthracene	tile Organic Co Result 10 2.6 3.4 10	Qualifier U J J U U U	(GC/MS) RL 10 10 10 10 10	1.1 1.1 0.82 0.63 0.59	ug/L ug/L ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35	7 Dil Fac 1 1 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo[a]anthracene Benzo[a]pyrene	tile Organic Co Result 10 2.6 3.4 10 1.0	Qualifier U J J U U U U U	(GC/MS) RL 10 10 10 10	1.1 1.1 0.82 0.63 0.59 0.41	ug/L ug/L ug/L ug/L ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35	7 Dil Fac 1 1 1 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene	tile Organic Co Result 10 2.6 3.4 10 1.0 1.0 2.0	Qualifier U J J U U U U U	(GC/MS) RL 10 10 10 10 10 1.0	1.1 1.1 0.82 0.63 0.59 0.41 0.68	ug/L ug/L ug/L ug/L	D	09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57 09/17/20 09:57	Analyzed 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35 09/18/20 06:35	7 Dil Fac 1 1 1 1 1 1

Matrix: Water

Lab Sample ID: 460-218380-5

Eurofins TestAmerica, Edison

Job ID: 460-218380-1

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: H1MW-14I Date Collected: 09/15/20 11:35

Date Received: 09/15/20 19:00

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

132

Analyte	Result	Qualifier	RL	MDI	Unit	D	Bernard	Section 2	226.2
Chrysene		U	2.0		0.00	p	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene			100 C				09/17/20 09:57	09/18/20 06:35	1
Fluoranthene		UT .	1.0	0.72	ug/L		09/17/20 09:57	09/18/20 06:35	1
Contract of the second s	10	U	10	0.84	ug/L		09/17/20 09:57	09/18/20 06:35	1.1
Fluorene	1.0	J	10	0.91			09/17/20 09:57	09/18/20 06:35	1.1
Indeno[1,2,3-cd]pyrene	2.0	UT	2.0	0.94					1
Naphthalene	2.0		(17.18)				09/17/20 09:57	09/18/20 06:35	1
Phenanthrene			2.0	1.7	ug/L		09/17/20 09:57	09/18/20 06:35	1
and the second second	1.1	7	10	0.58	ug/L		09/17/20 09:57	09/18/20 06:35	1
Pyrene	10	UT	10	1.6	ug/L		09/17/20 09:57	09/18/20 06:35	1
Surrogate	%Recovery	Qualifier	Limits					- the former	
2-Fluorobiphenyl	101		42 - 127				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	1.1		and the second se				09/17/20 09:57	09/18/20 06:35	1
Tornhand dtd /Sum	104		46-137				09/17/20 09:57	09/18/20 06:35	1
	100								

39-150

Client Sample ID: H1MW-14D

TH

Date Collected: 09/15/20 10:40

Terphenyl-d14 (Surr)

Date Received: 09/15/20 19:00

Lab Sample ID: 460-218380-7

09/17/20 09:57 09/18/20 06:35

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ua/L	- a	1.04.004	09/18/20 01:24	UITAG
Ethylbenzene	1.0	u	1.0	0.30	1 F			09/18/20 01:24	-
oluene	1.0	U	1.0	0.38				and the second sec	
Vylenes, Total	2.0	11	2.0					09/18/20 01:24	1
and a second second	8.0	0	2.0	0.65	ug/L			09/18/20 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
,2-Dichloroethane-d4 (Sun)	97		75-123				paica	09/18/20 01.24	Uli Pac
-Bromofluorobenzene	106		76-120					and the second sec	1
Vibromolluoromethane (Sum)	105		77-124					09/18/20 01:24	1
aluene-d8 (Surr)								09/18/20 01:24	1
energine and formity	97		80-120					09/18/20 01:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/17/20 09:57	and the second sec	Diffac
Acenaphthene	10	U	10	1.7	ug/L			09/18/20 01 19	1
Acenaphthylene	10	U.	10	0.82	0.00		09/17/20 09:57	09/18/20 01:19	1
Anthracene	10		10	0.63			09/17/20 09:57	09/18/20 01:19	1
Benzolalanthracene	1.0	100 C					09/17/20 09:57	09/18/20 01:19	1
Benzoja]pyrene	- CG-	U.	1.0		ug/L		09/17/20 09:57	09/18/20 01:19	- 7
Benzo[b]fluoranthene			1.0	0.41	ug/L		09/17/20 09:57	09/18/20 01:19	1
CONTRACTOR CONTRACTOR	2.0		2.0	0.68	ug/L		09/17/20 09:57	09/18/20 01:19	1
Benzo[g,h,l]perylene	10	U.T.	10	1.4	Lig/L		09/17/20 09:57	09/18/20 01:19	- H
Benzo[k]fluoranthene	1.0	U.	1.0	0.67	Lig/L		09/17/20 09:57	09/18/20 01:19	1.4
Chrysene	2,0	U	2.0	0.91	ug/L		09/17/20 09:57	09/18/20 01-19	1.1
Dibenz(a,h)anthracene	T.D	UT -	1.0	0.72	ua/L		09/17/20 09:57	09/18/20 01:19	4
Fluoranthene	10	U	10.	0.84	ug/L		09/17/20 09:57	09/18/20 01:19	1.1
Fluorena	10	U	10	0.91	ug/L		09/17/20 09:57	09/18/20 01:19	
Indeno(1,2,3-cd)pyrene	2.0	UT	20	0.94	ug/L				
Naphthalene	2.0	2.00	2.0				09/17/20 09:57	09/18/20 01:19	1
Phenanthrene	10			-1.1	ug/L		09/17/20 09:57	09/18/20 01:19	1
Pyrene			10		ug/I_		09/17/20 09:67	09/18/20 01 19	
Alatio	10	0	10	1.6	ug/L_		09/17/20 09:57	09/18/20 01:19	. 1

Job ID: 460-218380-1

Lab Sample ID: 460-218380-6 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Job ID: 460-218380-1

Matrix: Water

Lab Sample ID: 460-218380-7

Client Sample ID: H1MW-14D Date Collected: 09/15/20 10:40 Date Received: 09/15/20 19:00

Surrogate	%Recovery	Qualifier	Limits	Descend	4.4.4	
2-Fluorobiphenvi	the second se		and the second s	Prepared	Analyzed	Dil Fac
A MARKEN AND A MARKEN A	103		42-127	09/17/20 09:57	09/18/20 01:19	
Nitrobenzene-d5 (Surr)	102		46-137	09/17/20 09:57		
Terphenyl-d14 (Surr)	139			00/11/20 09.57	09/10/20 01:19	
	139		39 - 150	09/17/20 09:57	09/18/20 01:19	1

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HIMUL- HO HOU HOU HOU HIMUL- HO HOU HOU HOU <td>1</td> <td>-</td> <td>135</td> <td>-</td> <td>-</td> <td>N)</td> <td>XX</td> <td></td> <td>"a</td> <td>1</td> <td></td>	1	-	135	-	-	N)	XX		"a	1	
et: 1= Eeu, 2= HCI; 3= H2GO4; 4= HOC3; 5= AarOH; 6= Other et: 1= Eeu, 2= HCI; 3= H2GO4; 4= HOC3; 5= AarOH; 6= Other form a listed EPA Vasardous VNSte? Paramoles for the sample in the Total a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous VNSte? Paramoles for the sample in the Information a listed EPA Vasardous Vasardous VIST PACATA Information a listed EPA Vasardous VIST PACATAA Information a listed EPA VASARDOUS VASARDOUS VASARDOUS VASARDOUS VASARDOUS VASARDO	1 -	7	040	-	7	5	XX		4		
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ed: 1= f.ea, 2= HC); 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other ed: 1= f.ea, 2= HC); 3= H2SO4; 4= HNO3; 5= Other filentification: from a listed EPA Hazardoux Waste? Please List any EPA Waste Codes for the sample in the and file lab is to dispose of the sample. The lab is the lab is the lab is the sample. The lab is the lab i											
add: 1= fce, 2= HOI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other add: 1= fce, 2= HOI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other add: 1= fce, 2= HOI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other add: 1= fce, 2= HOI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other add: 1= fce, 2= HOI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other 8 form initial field EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Other and the assessed if a samples are retained longer than 1 month on the list is to dispose a the manule. form initial field EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Sample Disposal (A fee may be assessed if samples are retained longer than 1 month on the list is to dispose a the manule. form initial field EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the list is to dispose a the manule. for initial field EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the list is to dispose a the manule. for initial field initi field initial field initial field i						-	_				
ad: 1= tce. 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Identification: from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and the lab list of the may be assessed if samples are retained longer than 1 month and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is to dispose of the sample, and if the lab is the dispose of the sample, and if the lab is the dispose of the sample, and the lab is the lab			1		1			-	-	460-2183	80 Chain of Custody
I domitication: I domitication: from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the only be assessed if samples are retained longer than 1 month) from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample from a listed EPA Hazardous Waste? from a lister P hazardous Waste? from a lister P hazardous Waste? from a lister P hazardous Waste?<	servation Used: 1= Ice, 2= HCI: 3= H2SO4: 4=HNC	03: 5=NaOH: 6= 0	ther			-			-	++++	
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Intech a via	Nun-Hazard D flammeble D Sun Imitant	E Polson B		D Unknown		Ι	[] Return I	D Client	E Disocal		
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MT Company: GEI Consultants Inc. Date/Time: Received by Company. Date/Time: Date/Time: Company Company Company Date/Time: Received by Company. Date/Time: Company Company Date/Time: Received by Company. Company. Date/Time:	Intacts I ves I	Custody Seal N	10.1		1.1	1		Cooler Temp. C	C): Obs'd:	Corrd:	Them ID No .: 1
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THE WORLDALL THE	quished by:	Company		0	ate/Tim	00	eceived in	Laboratory by:		Company A. N.	Date/Time: / 2

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: TB091620 Date Collected: 09/16/20 00:00 Date Received: 09/16/20 18:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			09/21/20 11:23	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 11:23	
Toluene	1.0	u	1.0	0.38	ug/L			09/21/20 11:23	3
Xylenes, Total	2.0	u	2.0	0.65	ug/L			09/21/20 11:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichlomethane-d4 (Sun)	94		75-123					09/21/20 11:23	1
4-Bromofluorobenzene	94		76-120					09/21/20 11:23	1
Dibromofluoromethane (Surr)	101		77 . 124					09/21/20 11:23	1
Taluene-d8 (Surr)	87		80 - 120					09/21/20 11:23	1

Client Sample ID: H1MW-05D

Date Collected: 09/16/20 06:25 Date Received: 09/16/20 18:30

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			09/21/20 11:47	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 11:47	1
Toluene	6.5		1.0	0.38	ug/L			09/21/20 11:47	1
Xylenes, Total	94		2.0	0.65	ug/L			09/21/20 11:47	٦
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethane-d4 (Surr)	92		75-123					09/21/20 11:47	1
4-Bramofluarobenzane	95		76-120					09/21/20 11:47	1
Dibromofluoromethane (Surt)	96		77-124					09/21/20 11:47	7
Toluene-d8 (Surr)	92		80-120					09/21/20 11:47	7

Method: 8270D - Semivo	latile Organic Co	mpounds	(GC/MS)						12.1
Analyte		Qualifier	RL	MOL	Unit	D	Prepared	Analyzed	Dil Fac.
2-Methylnaphthalene	52	-	50	5.5	ug/L		09/20/20 08:40	09/22/20 02:25	5
Acenaphthene	50	U	50	5,4	Ug/L		09/20/20 08:40	09/22/20 02:25	5
Acenaphthylene	23	J	50	4.1	ug/L		09/20/20 08:40	09/22/20 02:25	5
Anthracene	50	U	50	3.2	ug/L		09/20/20 08:40	09/22/20 02:25	5
Benzo(a)anthracene	5.0	U	5.0	3.0	ug/L		09/20/20 08:40	09/22/20 02:25	5
Benzolajpyrene	5:0	U	5.0	2.0	ug/L		09/20/20 08:40	09/22/20 02:25	5
Benzo[b]fluoranthene	10	UT.	10	3.4	ug/L		09/20/20 08:40	09/22/20 02:25	5
Benzo(g,h,I)perviene	50	U	50	7.1	ug/L		09/20/20 08:40	09/22/20 02:25	5
Benzo(k)fluoranthene	5.0		5.0	3.4	ug/L		09/20/20 08:40	09/22/20 02:25	5
Chrysene	10	u	10	4.5	ug/L		09/20/20 08:40	09/22/20 02:25	5
Dibenz(a,h)anthracene	5.0	U.	5.0	3.6	ug/L		09/20/20 08:40	09/22/20 02:25	5
Fluoranihene	50	U	50	9.2	ug/L		09/20/20 08:40	09/22/20 02:25	5
Fluorené	50	U	50	4.6	ug/L		09/20/20 08:40	09/22/20 02:25	5
Indena[1,2,3-cd]pyrene	10	U	10	4.7	ug/L		09/20/20 08:40	09/22/20 02:25	5
Naphthalene	590		10	5.7	ug/L		09/20/20 08:40	09/22/20 02:25	5
Phenanthrene	50	U	50	2.9	ug/L		09/20/20 08:40	09/22/20 02:25	5
Pyrene	50	U	50	8.2	ug/L		09/20/20 08:40	09/22/20 02:25	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	108		42-127				09/20/20 08:40	09/22/20 02:25	5
Nitrobenzene-d5 (Surr)	104		46-137				09/20/20 08:40	09/22/20 02:25	5

Nitrobenzene-d5 (Surr)

Eurofins TestAmerica, Edison



Job ID: 460-218634-1

Lab Sample ID: 460-218634-1 Matrix: Water

Lab Sample ID: 460-218634-2

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-05D Date Collected: 09/16/20 06:25

Date Received: 09/16/20 18:30

and a set of a	Matrix: Water

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr) HI	139		39.150			0	9/20/20 08:40	09/22/20 02:25	1
Client Sample ID: H1MW	-051					Lak	Sample	D: 460-218	634-3
Date Collected: 09/16/20 07:1							a serie a construction of	Matrix:	
Date Received: 09/16/20 18:3							_		
Method: 8260C - Volatile Org	anic Compo	unds by G	C/MS						
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Benzene	1.0	U	1,0	0,20	ug/L			09/21/20 12:11	
Ethylbenzene	1.0	U.	1.0	0,30				09/21/20 12:11	
Toluene	1.0	U.	1.0	0.38				09/21/20 12:11	
Xylenes, Total	-23		2.0	0.65	ug/L			09/21/20 12:11	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	97		75-123					09/21/20 12:11	
4-Bromofluorobenzene	115		76-120					09/21/20 12:11	
Dibromofluoromethane (Surr)	94		77-124					09/21/20 12:11	
Tolueno-d8 (Sun)	89		80 - 120					09/21/20 12:11	
Method: 8270D - Semivolati	le Organic Co	moounds	(GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
2-Methylnaphthalene	33		20	2.2	ug/L	1	09/20/20 08:40	09/22/20 02:46	
Acenaphthene	5.8	J	20	2.2	ug/L	1	09/20/20 08:40	09/22/20 02:46	
Acenaphthylene	78		20	1.6	ug/L	3	19/20/20 08:40	09/22/20 02:46	
Anthracene	20	U	20	1.3	ug/Ľ	3	09/20/20 08:40	09/22/20 02:46	
Benzojajanthracene	2.0	U	2,0	1,2	ug/L	- 3	09/20/20 08:40	09/22/20 02:46	
Benzo[a]pyrene	2.0	U	2.0	0.81	ug/L	7	09/20/20 08:40	09/22/20 02:46	
Benzo[b]fluoranthene	4.0	UT-	4.0	1.4	ug/L		09/20/20 08:40	09/22/20 02:45	
Benzo[g,h,i]perylene	20	U	20	2.9	ug/L	4	09/20/20 08:40	09/22/20 02:46	
Benzo[k]fluoranthene	2.0	U	2.0	1.3	ug/L	3	09/20/20 08:40	09/22/20 02:46	
Chrysene	4.0	U	4.0	1.8	ug/L		09/20/20 08:40	09/22/20 02:46	
Dibenz(a,h)anthracene	2.0	U	2.0	1.4	ug/L		09/20/20 08:40	09/22/20 02:46	
Fluoranthene	20	U	20	1.7	ug/L		09/20/20 08:40	09/22/20 02:46	
Fluorene	15	J	20	1,8	ug/L		09/20/20 08:40	09/22/20 02:46	
Indeno[1,2,3-cd]pyrene	4.0	U	4.0	1.9	ug/L		09/20/20 08:40	09/22/20 02:46	
Naphthalene	230		4.0	2.3	ug/L		09/20/20 08:40	09/22/20 02:46	
Phenanthrene		J	20	7.2	ug/L		09/20/20 08:40	09/22/20 02:46	
Pyrene	.20	U.	20	3,3	ug/L		09/20/20 08:40	09/22/20 02:46	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fi
2-Fluorobiphenyl	96		42-127				09/20/20 08:40	09/22/20 02:46	
Nitrobenzene-d5 (Sutt)	96		46 - 137				09/20/20 08:40	09/22/20 02:46	
Terphenyl-d14 (Sun) HIL	115	6	39 - 160				09/20/20 08:40	09/22/20 02:46	
Client Sample ID: H1MV	V-15I					La	b Sample	ID: 460-21	8634-
Date Collected: 09/16/20 08:									: Wate
Date Received: 09/16/20 18:3									

Method: 8260C - Volatile C	Organic Compou	nds by GC/	MS					S	Sec. 2.
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			09/21/20 12:35	.1

Eurofins TestAmerica, Edison

Job ID: 460-218634-1

Lab Sample ID: 460-218634-2

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client S Date Coll Date Rec

Job ID: 460-218634-1

Client Sample ID: H1M Date Collected: 09/16/20 08 Date Received: 09/16/20 18:	:20					La	ab Sample	ID: 460-218 Matrix	3634-4 : Water
Method: 8260C - Volatile O	rganic Compo	unds by G	C/MS (Contin	nued)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 12:35	1
Toluene	1.0	U	1.0	0.38	ug/L			09/21/20 12:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/21/20 12:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75-123				i reputuo	09/21/20 12:35	Darac
4-Bromofluorobenzene	102		76 120					09/21/20 12:35	
Dibromofluoromethane (Surr)	87		77-124					09/21/20 12:35	
Taluene-d8 (Surr)	88		80 - 120					09/21/20 12:35	7
Method: 8270D - Semivola	tile Organic Co	mpounds	(GC/MS)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/20/20 08:40	and the second se	Unitac
Acenaphthene	10	ü.	10	1.1	ug/L		09/20/20 08:40	09/20/20 21:52	
Acenaphthylene	1.1	3	10	0.82	ug/L		09/20/20 08:40	09/20/20 21:52	-
Anthracene	10	U	10	0.63	ug/L		09/20/20 08:40	09/20/20 21:52	
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		09/20/20 08:40	09/20/20 21:52	1.1
Benzo[a]pyrene	1.0	U	1.0	0,41	ug/L		09/20/20 08:40	09/20/20 21:52	
Benzo[b]fluoranthene	20	U	2.0	0.68	ug/L		09/20/20 08:40	09/20/20 21:52	
Benzoig,h,i]perylene		Ú.	10	1.4	ug/L		09/20/20 08:40	and the second sec	
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/20/20 08:40	09/20/20 21:52	
Chrysene	2.0	U	2.0	0.91	ug/L		09/20/20 08:40	09/20/20 21:52	
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/t_		09/20/20 08:40	09/20/20 21:52	
Fluoranthene	10	U	10	0.84	ug/L		09/20/20 08:40	09/20/20 21:52	
Fluorene	10	U	10	0.91	ug/L		09/20/20 08:40	09/20/20 21:52	- G
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		09/20/20 08:40	09/20/20 21:52	
Naphthalene	2.0	U	2,0	1.1	ug/L		09/20/20 08:40	09/20/20 21:52	
Phenanthrene	10	U	10	0.58	ug/L		09/20/20 08:40	09/20/20 21:52	
Pyrene		U	10		ug/L		09/20/20 08:40	09/20/20 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94	- servincer	42-127				and the second s	09/20/20 21:52	1
Nitrobenzene-d5 (Surr)	104		46 - 137					09/20/20 21:52	
Terphonyl-d14 (Surr)	102		39 - 150					09/20/20 21:52	1
Client Sample ID: H1MV	the local distance of					La	b Sample	D: 460-218	634-5
Date Collected: 09/16/20 09: Date Received: 09/16/20 18::									Water
Method: 8260C - Volatile O	rganic Compo	inds by G	C/MS						
Analyte	and the second sec	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	and the second se	1.0	0.20	and the second second	- 2	1 (spared	09/21/20 12:59	Un Fac
Ethylbenzene	1.0		1.0	0.30	1.00			09/21/20 12:59	1
Tillion		S		0.00	ager -			0915 1150 1X 93	

Toluene	1.0	U.	1.0	0.38	ug/L		09/21/20 12:59	
Xylenes, Total	2,0	U.	2.0	0.65	ug/L		09/21/20 12:59	*
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75.123				09/21/20 12:59	1
4-Bromofluorobenzene	95		76.120				09/21/20 12:59	1
Dibromofluoromethane (Sun)	88		77.124				09/21/20 12:59	1
Toluene-d8 (Suri)	92		80.120				09/21/20 12:59	7

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-15D

Date Collected: 09/16/20 09:05 Date Received: 09/16/20 18:30

Lab Sample ID: 460-218634-5 Matrix: Water

Method: 8270D - Se	mivolatil	e Organic Co	mpounds	(GC/MS)						
Analyte			Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene		10	U	10	1.1	ug/L		09/20/20 08:40		Rinau
Acenaphthene		10	U	10	1.1	ug/L		09/20/20 08:40	to a start and the	
Acenaphthylene		10	U	10	0.82	1.4		09/20/20 08:40	Contention and the	
Anthracene		10	U	10	D.63	ug/L		09/20/20 08:40		
Benzojajanthracene		1.0	U	1.0	0.59	ug/L		09/20/20 08:40	a state a state of the state	
Benzo[a]pyrene		1.0	U	1.0	0.41	ug/L		09/20/20 08:40	09/20/20 22:13	
Benzo(b)/luoranthene		2.0	U	2.0		ug/L		09/20/20 08:40		3
Benzo[g.h.i]perviene		10	U	10		ug/L		09/20/20 08:40		2
Benzo(k)fluoranthene		1.0	U	1.0		ug/L		09/20/20 08:40	09/20/20 22:13	1
Chrysene		2.0		2.0	The local	ug/L		09/20/20 08:40	09/20/20 22:13	
Dibenz(a,h)anthracene		1.0	ü	1.0	0.72			09/20/20 08:40	09/20/20 22:13	1
Fluoranthene		10	U	10	0.84			09/20/20 08:40	09/20/20 22:13	1
Fluorene		10	U	10	10.00	Ug/L			09/20/20 22 13	
Indeno[1,2,3-cd]pyrene		2.0	U	2.0	0.94			09/20/20 08:40	09/20/20 22-13	3
Naphthalene		2.0		2.0	1.1			09/20/20 08:40	09/20/20 22:13	1
Phenanthrane		10				ug/L		09/20/20 08:40	09/20/20 22:13	1
Pyrene		10		10		ug/L		09/20/20 08:40	09/20/20 22:13	- 1
() tanks		10	0	10	1.6	ug/L		09/20/20 08:40	09/20/20 22:13	1
Surrogate		%Recovery	Qualifier	Limits				Prepared	Annhoused	-
2-Fluorobiphenyl		104		42-127				09/20/20 08:40	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)		126		46-137				09/20/20 08:40	09/20/20 22:13	1
Terphenyl-d14 (Surr)	HI	114		39 - 150				09/20/20 08:40	09/20/20 22:13 09/20/20 22:13	t

Client Sample ID: H1MW-23

Date Collected: 09/16/20 10:20

Date Received: 09/16/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-218634-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L	_ ~		09/21/20 13:23	T
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 13:23	1
Toluene	1.0	u	1.0	0.38	ug/L			09/21/20 13:23	
Xylenes, Total	2.0	u	2.0	0.65	ug/L			09/21/20 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethane-d4 (Surr)	88		75-123				. cohever	09/21/20 13:23	Jan Pac
4-Bromolluorobenzene	100		76-120					09/21/20 13:23	4
Dibromofluoromethane (Surr)	97		77.124					09/21/20 13:23	
			40.000					Detto Late Caller	3
Taluene-d8 (Surr)	92		80-120					09/21/20 13:23	7
		mpounds						09/21/20 13:23	7
Toluene-d8 (Surr) Method: 8270D - Semivola Analyte	tile Organic Co	mpounds Qualifier		MDL	Unit	D	Prepared		7 Dil Esc
Method: 8270D - Semivola	tile Organic Co		(GC/MS)	MDL		D	Prepared 09/20/20 08:40	Analyzed	Dil Fac
Method: 8270D - Semivola Analyte	tile Organic Co Result 10	Qualifier U	(GC/MS) RL	1,1	ug/L	D	09/20/20 08:40	Analyzed 09/20/20 22:34	Dil Fac
Method: 8270D - Semivola Analyte 2-Methylnaphthalene	tile Organic Co Result 10	Qualifier U U	(GC/MS) RL 10	1,1	ug/L ug/L	D	09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34	Dil Fac
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene	tile Organic Co Result 10 10	Qualifier U U U	(GC/MS) RL 10 10 10	1.1 1.1 0.82	ug/L ug/L ug/L	D	09/20/20 08:40 09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34	7 Dil Fac 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene	tile Organic Co Result 10 10 10 10	Qualifier U U U U	(GC/MS) RL 10 10 10 10	1.1 1.1 0.82 0.63	ug/L ug/L ug/L ug/L	D	09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34	Dil Fac
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene	tile Organic Co Result 10 10 10 10 10	Qualifier U U U U U U	(GC/MS) RL 10 10 10 10 10 10	1,1 1,1 0,82 0,63 0,59	ug/L ug/L ug/L ug/L ug/L	D	09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34	7 Dil Fac 1 1 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzolajanthracene	tile Organic Co Result 10 10 10 10 10 10 1.0 1.0	Qualifier U U U U U U U	(GC/MS) RL 10 10 10 10 10 10 10	1,1 1,1 0,82 0,63 0,59 0,41	ug/L ug/L ug/L ug/L ug/L ug/L	0	09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34	7 Dil Fac 1 1 1 1 1
Method: 8270D - Semivola Analyte 2-Methylnaphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)pytene	tile Organic Co Result 10 10 10 10 10	Qualifier U U U U U U U U U	(GC/MS) RL 10 10 10 10 10 10	1,1 1,1 0,82 0,63 0,59	ug/L ug/L ug/L ug/L ug/L ug/L	D	09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40 09/20/20 08:40	Analyzed 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34 09/20/20 22:34	7 Dil Fac 1 1 1 1 1 1

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-23 Date Collected: 09/16/20 10:20 Date Received: 09/16/20 18:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

105

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	20	U	2.0	0,91	ug/L	- 7	09/20/20 08:40	and the second	DITFAC
Dibenz(a,h)anthracene	1.0	U	1.0		ug/L		09/20/20 08:40	Service Frank Parts	
Fluoranthene	10	U	10	0.84			09/20/20 08:40	and and a secon	1.1
Fluorene	10	U	10	0.91				Sector and the sector of	
Indeno[1,2;3-cd]pyrene	2.0	u	2.0	0.94			And the set of the set of the	a state and a state of a	1.1
Naphthalene	2.0	U	2.0	1.7	Lig/L		09/20/20 08:40	first and and a	1
Phenanthrane	10	Ú.	70	0.58				09/20/20 22:34	- 3
Pyrene	10	U	10		ug/L			a second s	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		42-127				09/20/20 08:40	09/20/20 22:34	Direc
Nitroberizene-d5 (Surr)	104		46 . 137					Contraction and the second sec	1
	1.00.0		10-101				09/20/20 08:40	09/20/20 22:34	7

39-150

Client Sample ID: H1MW-22

Date Collected: 09/16/20 11:20

Date Received: 09/16/20 18:30

Terphenyl-d14 (Surr)

Method: 8260C - Volatile O	rganic Compounds by	GC/MS
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Method: 8270D - Semivolatile Organic Compounds (GC/MS)

141

Analyte	Result	Qualifier	RL	MDL	Unit:	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	T.0	0.20	ug/L	_	- The American	09/21/20 13:47	- A
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 13:47	
Toluene	1.0	U	1.0	0.38				09/21/20 13:47	
Xylenes, Total	2.0	υ	2.0	0.65	ug/L			09/21/20 13:47	1.16
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75-123					09/21/20 13:47	1
4-Bromofluorobenzene	88		76-120					09/21/20 13:47	4
Dibromofluoromethane (Surr)	99		77.124					09/21/20 13:47	1
Toluene-d8 (Surr)	89		80 - 120					09/21/20 13:47	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1.	ug/L	- 2	09/20/20 08:40	09/20/20 22:55	- I
Acenaphthene	10	U	10	1.1	Ug/L		09/20/20 08:40	09/20/20 22:55	÷.
Acenaphthylene	10	U	10	0.82			09/20/20 08:40	09/20/20 22:55	
Anthracene	10	U.	10	0.63			09/20/20 08:40	09/20/20 22:55	4
Benzo(a)anIhracene	1.0	U	1.0	0.59	ug/L		09/20/20 08:40	09/20/20 22:55	
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/20/20 08:40	09/20/20 22:55	1.1
Benzo[b]fluoranthene	2.0	U	2.0	-	77		09/20/20 08:40	09/20/20 22:55	-
Benzo(g.h.i)perylene	10	U	10	100	ug/L		09/20/20 08:40	09/20/20 22:55	
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/20/20 08-40	09/20/20 22:55	
Chrysene	2.0	U	2.0	0.91	ug/L		09/20/20 08:40	09/20/20 22:55	
Dibenz(a,h)anthracens	1.0		1.0	0.72	-		09/20/20 08:40	a she i ca ca a ca ca ca	
Fluoranthene	10		10	0.84	ug/L		09/20/20 08:40	09/20/20 22:55	
Fluorene	10		10	0.91	ug/L		09/20/20 08:40	09/20/20 22:55	
Indeno[1.2,3-cd]pyrane	2.0		2.0	0.94	ug/L		09/20/20 08:40	09/20/20 22:55	
Naphthalene	2.0		2.0	1.1			and a second second second	09/20/20 22:55	
Phenanthrene	10		10	0.58	ug/L		09/20/20 08:40	09/20/20 22:55	1
Pyrene	10		10		ug/L		09/20/20 08:40	09/20/20 22:55	1
			10	1.04	C.B. P.		00/20/20 00 40	09/20/20 22:55	1

Job ID: 460-218634-1

Lab Sample ID: 460-218634-6 Matrix: Water

	the second se	
09/20/20 08:40	09/20/20 22:34	10
09/20/20 08:40	09/20/20 22:34	1
09/20/20 08:40	09/20/20 22:34	-
09/20/20 08:40	09/20/20 22:34	
09/20/20 08:40	09/20/20 22:34	- 1
Prepared	Analyzed	Dil Fac
09/20/20 08:40	09/20/20 22:34	1
09/20/20 08:40	09/20/20 22:34	1

Lab Sample ID: 460-218634-7

09/20/20 08:40 09/20/20 22:34

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-22 Date Collected: 09/16/20 11:20 Date Received: 09/16/20 18:30

Surrogate	%Recovery Qualifier	Limits	Prepared An	alvzed	Dil Fac
2-Fluorobiphenyl	96	42-127	09/20/20 08:40 09/20	20 22:55	1
Nitrobenzene-d5 (Surr)	101	46-137	09/20/20 08:40 09/20		
Terphonyl-d14 (Surr)	T 103	39-150	09/20/20 08:40 09/20		1
Client Sample ID: H11 Date Collected: 09/16/20			Lab Sample ID: 4	60-218 Matrix	A. A. S. S. LAN

Date Received: 09/16/20 18:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L		- Accese	09/21/20 14:11	Ant ac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			09/21/20 14:11	
Toluene	1,0	U	1.0	0.38				09/21/20 14:11	
Xylenes, Total	2.0	U	2.0	0.65	1.00			09/21/20 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
1.2-Dichloroethane-d4 (Surr)	104		75-123				- Contraction	09/21/20 14:11	
4-Bramofluorobenzene	98		76-120					09/21/20 14-11	
Dibromofluoromethane (Surr)	97		77-124					09/21/20 14-11	
Toluene-d8 (Surr)	87		80-120					09/21/20 14:11	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1,1	ug/L		09/20/20 08:40		I
Acenaphthene	10	U	10	1.1	ug/L		09/20/20 08:40	Contraction of the state of the	
Acenaphthylene	10	U	10	0.82	ug/L		09/20/20 08:40	fallentine merrie	
Anthracene	10	U	10	0.63			09/20/20 08:40	Concerned and a	
Benzo[a]anthracene	1.0	U	1.0	0.59			09/20/20 08:40	CONTRACT CHERRY &	
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/20/20 08:40		1.1
Benzo[b]fluoranthene	2:0	U	2.0	0.68			09/20/20 08:40	09/20/20 23:16	
Benzo(g,n,i)perviene	10		10	1.4	ug/L		09/20/20 08:40	Contraction of the second s	
Benzo[k]fluoranthene	1.0		1.0	0.67	ug/L		09/20/20 08:40	09/20/20 23:16	
Chrysene	2.0	U	2.0	0.91	ug/L		09/20/20 08:40	09/20/20 23:16	
Dibenz(a,h)anthracene	1.0	10 C	1.0	0.72			09/20/20 08:40	09/20/20 23:16	
Fluoranthene	10	U	10	0.84	ug/L		09/20/20 08:40	09/20/20 23:16	
Fluorena	10	U	10	0.91	ug/L		09/20/20 08:40	09/20/20 23:16	
Indeno[1,2,3-cd]pyrene	2.0	U	2.0		ug/L		09/20/20 08:40		
Naphthalene	2.0		2.0	1.1	ug/L		09/20/20 08:40	09/20/20 23:16	
Phenanthrene	10	U	10.	0.58	ug/L		09/20/20 08:40	A TANK TANK AND DE	1.1
Pyrene		Ŭ	10					09/20/20 23:16	1
10.0	19		10	1.0	ug/L		09/20/20 08:40	09/20/20 23:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		42-127				09/20/20 08:40	09/20/20 23:16	J
Nitrobenzene-d5 (Surr)	105		46-137				09/20/20 08:40	09/20/20 23.16	4
Terphenyl-d14 (Surr)	101		39-150				09/20/20 08:40	09/20/20 23:16	1
			and the second					AGLEALES EN 18	<i>r</i>

Eurofins TestAmerica, Edison

Lab Sample ID: 460-218634-7

Matrix: Water

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-26I Date Collected: 09/16/20 07:20 Date Received: 09/16/20 18:30

Job ID: 460-218634-1

Lab	Sample	ID:	460-218634-9
			Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	1.0	U	1.0	0.20				09/21/20 14:35	Un På
Ethylbenzene	1.0	U	1.0	0.30				09/21/20 14:35	
Toluene	1.0	U	1.0	0.38	ug/L			09/21/20 14:35	
Xylenes, Total	2.0	u	2.0		ug/L			09/21/20 14:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	
1,2-Dichloroethane-d4 (Surr)	88		75-123				a coperior	09/21/20 14:35	Dicta
Bromofluorobenzene	7.7.1		76-120					09/21/20 14:35	
Dibromofluoromethane (Surr)	103		77-124					09/21/20 14:35	
foluene-d8 (Sun)	82		80-120					09/21/20 14:35	
Method: 8270D - Semivolat	tile Organic Co	mpounds	(GC/MS)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DilFa
Methylnaphthalene	10	U	10	1.1	ug/L		09/20/20 08:40	09/20/20 23:36	Unra
cenaphthene	10	U	10	5.1	ug/L		09/20/20 08:40	09/20/20 23:36	
cenaphthylene	10	U	10	0.82	ug/L		09/20/20 08:40	09/20/20 23:36	
nthracene	10	U	10	0.63	ug/L		09/20/20 08:40	09/20/20 23:36	
lenzojajanthracene	1.0	U	1.0	0.59	ug/L		09/20/20 08:40	09/20/20 23:36	
lenzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/20/20 08:40	09/20/20 23:36	
enzo[b]fluoranthene	2.0	U	2.0	0.68	Ug/L		09/20/20 08:40	09/20/20 23:36	
Senzo[g.h.i]perylene	10	Ú.	10	1.4	ug/L		09/20/20 08:40	09/20/20 23:36	
enzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		09/20/20 08:40	09/20/20 23:36	
hrysene	2.0	Ú.	2.0		ug/L		09/20/20 08:40	09/20/20 23:36	
Dibenz(a.h)anthracenc	1.0	U	1.0		ug/L		09/20/20 08:40		
luoranthene	10	U	10	1000	ug/L		09/20/20 08.40	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
luorene	10	U	10		ug/L		09/20/20 08:40	09/20/20 23:36	
ideno[1,2,3-cd]pyrene	2,0	U	2.0	0,94	100		09/20/20 08:40	09/20/20 23:36	
aphthalene	2.0		2.0	1,1			09/20/20 08:40	09/20/20 23:36	
henanthrene	10	U.	10	0.58			09/20/20 08:40	09/20/20 23:36	
yrene	10		10	1,6			09/20/20 08:40	the manufactor of drive the	
urrogate	%Recovery	Qualifier	Limits		-		Prepared	Analyzed	Dil Fa
-Fluorobiphenyl	91	The case	42-127				09/20/20 08:40	09/20/20 23:36	Dira
itrobenzene-d5 (Surr)	109		46.137				09/20/20 08:40	09/20/20 23:36	
orphenyl-d14 (Surr)	106		39 - 150					09/20/20 23:36	

Date Collected: 09/16/20 08:50

Date Received: 09/16/20 18:30

Result	Qualifier	RL	MOL	Unit	D	Prepared	Analyzed	Dil Fac
1.0	U	1.0	0.20	ug/L			and the second se	T
1.0	U	1.0	0.30	ug/L			and the second second	1
1.0	u	1,0						
2.0	U	2.0	0.65	ug/L			09/21/20 14:59	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
105		75.123				. Industria	- Contraction of the second	- Unitad
88		76-720						4
97		77 - 124					09/21/20 14:59	+
	1.0 1.0 1.0 2.0 %Recovery 105 88	88	1.0 1.0 1.0 1.0 U 1.0 1.0 U 1.0 1.0 U 1.0 1.0 U 1.0 2.0 U 2.0 %Recovery Qualifier Limits 105 75.123 38 38 76.120	1.0 U 1.0 0,20 1.0 U 1.0 0.30 1.0 U 1.0 0.30 1.0 U 1.0 0.33 1.0 U 1.0 0.38 2.0 U 2.0 0.65 %Recovery Qualifier Limits 105 75 - 123 38 38 76 - 720	1.0 U 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 2.0 U 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 105 75.123 38 76.720	1.0 U 1.0 0.20 ug/L 1.0 U 1.0 D.30 ug/L 1.0 U 1.0 D.30 ug/L 1.0 U 1.0 D.38 ug/L 2.0 U 2.0 D.65 ug/L %Recovery Qualifier Limits 105 75 - 123 38 76 - 720	1.0 U 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits Prepared 105 75.123 38 76.720	1.0 U 1.0 0.20 ug/L 09/21/20 14/59 1.0 U 1.0 0.30 ug/L 09/21/20 14/59 1.0 U 1.0 0.30 ug/L 09/21/20 14/59 1.0 U 1.0 0.38 ug/L 09/21/20 14/59 2.0 U 2.0 0.65 ug/L 09/21/20 14/59 2.0 U 2.0 0.65 ug/L 09/21/20 14/59 %Recovery Qualifier Limits Prepared Analyzed 09/21/20 105 75 · 123 09/21/20 14/59 09/21/20 14/59 38 76 · 720 09/21/20 14/59 09/21/20 14/59

Eurofins TestAmerica, Edison

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-08S Date Collected: 09/16/20 08:50

Date Received: 09/16/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

80						Prepared	Analyzed	Dil Fac
		80 - 120					09/21/20 14:59	1
tile Organic Co	moounds	(GC/MS)						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Amphaned	-
10	U.	10					and the second se	Dil Fac
10	U	10	1.1				service of a first service of the se	-
10	U	10	0.82			2012/02/2012		
10	U	10					and the share of the state of the	
1.0	U	1.0				3	A COMPANY AND A COMPANY AND A	4
1.0	U	20				Service prove that the	and the second second second	- 3
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106						And the second second		1
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Client Sample ID: H1MW-08I

Date Collected: 09/16/20 09:55 Date Received: 09/16/20 18:30

Acenaphthylene

Anthracene

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fao
Benzene	t.0	U	1.0	0.20	ug/L			09/21/20 15:23	1
Ethylbenzene	1.0	U	1.0	0.30	Ug/L			09/21/20 15:23	
Toluene	1.0	U	1.0		Ug/L			09/21/20 15:23	
Xylenes, Total	2.0	U	2.0		ug/L			09/21/20 15:23	-
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75-123					09/21/20 15:23	Juni de
4-Bromofluorobenzene	98		76.120					09/21/20 15:23	
Dibromofluoromethane (Surr)	104		77-124					09/21/20 15:23	
Toluene-d8 (Sun)	85		80-120					09/21/20 15:23	+
Method: 8270D - Semivolat	ile Organic Co	mpounds	(GC/MS)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/20/20 08:40	09/21/20 00:18	an rac
Acenaphthene	10	U	10	1.1	ug/L		09/20/20 08:40		

10

10

10 U

10 U

14	0.00	udir	08/20/20 08:40	09/21/20 00:18	

0.82 ug/L

Eurofins TestAmerica, Edison

09/20/20 08:40 09/21/20 00:18

09/20/20 08:40 09/21/20 00:18

Lab Sample ID: 460-218634-11

Matrix: Water

Job ID: 460-218634-1

Lab Sample ID: 460-218634-10 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-081 Date Collected: 09/16/20 09:55

Date Received: 09/16/20 18:30

Job ID: 460-218634-1

Lab Sample ID: 460-218634-11 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L	_	09/20/20 08:40	09/21/20 00:18	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		09/20/20 08:40	09/21/20 00:18	
Benzo[b]fluoranthene	2.0	U	20	0.68	ug/L		09/20/20 08:40	09/21/20 00:18	
Benzo[g,h,l]perylene	10	U	10	1.4	Ug/L		09/20/20 08:40	09/21/20 00:18	
Benzo[k]fluoranthene	1.0	U	1,0	0.67	ug/L		09/20/20 08:40	09/21/20 00:18	
Chrysene	2.0	u	2.0	0.91	ug/L		09/20/20 08:40	09/21/20 00:18	
Dibenz(a,h)anthracene	1.0	u	1.0	0.72	ug/L		09/20/20 08:40	09/21/20 00:18	
Fluoranthene	10	U	10	0.84	ug/L		09/20/20 08:40	09/21/20 00:18	
Fluorene	10	U	10	0.91	ug/L		09/20/20 08:40	09/21/20 00:18	
Indeno[1,2,3-cd]pyrene	2.0	U	2.0		ug/L		09/20/20 08:40	09/21/20 00:18	- 4
Naphthalene	2,0	U	2.0	3.3	ug/L		09/20/20 08:40	09/21/20 00:18	
Phenanthrene	10	U	10		ug/L		09/20/20 08:40	09/21/20 00:18	
Pyrene	10	U	10		ug/L		09/20/20 08:40	09/21/20 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	101		42 - 127				09/20/20 08:40	09/21/20 00:18	un rac
Vitrobenzene-d5 (Surr)	172		46 - 137				09/20/20 08:40	09/21/20 00:18	+
Terphenyl-d14 (Sum) H1	104		39 - 150				09/20/20 08:40	09/21/20 00:18	4

Client Sample ID: H1MW-08D

Date Collected: 09/16/20 10:55 Date Received: 09/16/20 18:30

Date Received: 09/16/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene 1.0 U 1.0 0.20 ug/L 09/21/20 15:47 1 Ethylbenzene 1.0 U 0.30 ug/L 1.0 09/21/20 15:47 1 Toluene 1.0 U 1.0 0.38 ug/L 09/21/20 15:47 1 Xylenes, Total 2.0. U 2.0 0.65 ug/L 09/21/20 15:47 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 91 75.123 09/21/20 15:47 1 4-Bromofluorobenzene 96 76-120 09/21/20 15:47 r. Dibromofluoromethane (Surr) 94 77-124 09/21/20 15:47 1 Toluene-d8 (Surr) 83 80-120 09/21/20 15:47 1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L		09/20/20 08:40	09/21/20 00:39	1
Acenaphthene	10	U	10	1.1	ug/L		09/20/20 08:40	and the second second second second	1
Acenaphthylene	10	U	10	0.82	ug/L		09/20/20 08:40	09/21/20 00:39	
Anthracene	10	U	10		ug/L			09/21/20 00:39	
Benzo[ajanthracene	1.0	U	1.0	0,59				09/21/20 00:39	
Benzo[a]pyrene	1.0	U	1.0	0.41			09/20/20 08:40		
Benzo(b)fluoranthene	2.0	U.	2.0	0.68			Barrier Contractor Contractor		
Benzo[g.h,I]perylene	10	U	10		ug/L			09/21/20 00:39	4
Benzo(k)/luoranthene	1.0	4	1.0	and have			College Charles Carlos Col	09/21/20 00:39	1
Chrysene	2.0		2.0		ug/L		09/20/20 08:40	09/21/20 00:39	-
Dibenz(s,h)anthracene	1.0	U.	1.0	0.72			Contraction day of	09/21/20 00:39	1
Fluoranthene	10		10	0.84			and the second second	LT STREET	1
Fluorena	10		10	0.91				09/21/20 00:39	1
							Charles and a shore	ante trea adras	-A.

Eurofins TestAmerica, Edison

Lab Sample ID: 460-218634-12 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-08D Date Collected: 09/16/20 10:55

Date Received: 09/16/20 18:30

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte		Result	Qualifier	RL	MDL	Unit	D	Prepared	A	-
Indeno[1,2,3-cd]pyrene		2.0	U	2.0	and the second second	ug/L	- 2	and the second se	Analyzed	Dil Fac
Naphthalene		2.0						and the second sec	09/21/20 00:39	
Phenanthrene				2,0	1.1	ug/L		09/20/20 08:40	09/21/20 00:39	
and the second second		10	U	10	0.58	ug/L		09/20/20 08:40	09/21/20 00:39.	1
Pyrene		10	U	10	1.6	ug/L			09/21/20 00:39	1
Surrogate		%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl		98		42-127					09/21/20 00:39	- Dil Fac
Nitrobenzene-d5 (Sum)		109		46-137						1
Terphenyl-d14 (Surr)	1.0.00	96							09/21/20 00:39	1
1 - 4	HI			39 - 150				09/20/20 08:40	09/21/20 00:39	1
Client Sample ID:	H1MW-2	25					Lat	Sample I	0: 460-2186	24.40
Date Collected: 09/16	/20 12.25						Lat	Sample IL	J. 400-2180	34-13

Client Sample ID: H1MW-25

Date Collected: 09/16/20 12:25

Date Received: 09/16/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L		. Taparoa	09/21/20 16:11	Durac
Ethylbenzene	1.0	U	1.0		ug/L			CONTRACTOR OF THE OWNER OF	1
Toluene	1.0	U	1.0		ug/L			09/21/20 16:11	1
Xylenes, Total	12	1.						09/21/20 16:11	1
- The second second	2.0	U	2.0	0.65	ug/L			09/21/20 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	-
1.2-Dichloroethane-d4 (Surr)	93	Care and the second second	75-123				risparcu	and the second sec	Dil Fac
4-Bromofluorabenzene	96		76-120					09/21/20 16:11	7
Dibromofluoromethane (Surr)	930							09/21/20 16:11	7
and the second se	99		77 - 124					09/21/20 15:11	+
Toluene-d8 (Sun)	89		80 - 120					09/21/20 16:11	7

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
10	U	10	1.1	ug/L		09/20/20 08:40	and the second sec	
10	U	10	1.1	ug/L		09/20/20 08:40	Contraction of the second second	
10	U	10	0.82	ug/L				
10	U	10	0.63					
1.0	U	1.0						
1.0	U	7.0				A CONTRACTOR OF A CONTRACT OF	A second s	
2.0	U			-		the second se		
10	U							
						Contraction and the	CONTRACTOR OF THE	1
				0.00				- 3
				DV. D		A second s	and the second se	4
						A STREET STREET		1
								1
						a second s		Σ
			0.000	10.01			The second s	1
						09/20/20 08:40	09/21/20 01:00	4
						09/20/20 08:40	09/21/20 01:00	. 9
10	u.	10	1.6	Vg/L		09/20/20 08:40	09/21/20 01:00	1
rery	Qualifier	Limits				Prenared	Anabarad	Dil Fac
94		42-127				Stock a particular to the stock of the stock	and the second second	Di Fac
108						and the second second		1
107		39-150				Party and the second	09/21/20 01:00	,
	10 10 10 10 2.0 10 10 2.0 10 10 2.0 10 10 10 10 10 10	10 U 10 U 10 U 10 U 20 U 10 U 20 U 20 U 10 U 20 U	10 U 10 20 U 20 10 U 10 20 U 20 10 U 10 10 U 10 10 U 10 20 U 20 10 U 10 108 42.127 108 46.137	10 U 10 1.1 10 U 10 0.82 10 U 10 0.63 10 U 10 0.63 10 U 1.0 0.59 10 U 1.0 0.41 2.0 U 2.0 0.68 10 U 10 1.4 1.0 U 10 0.67 2.0 U 2.0 0.91 1.0 U 1.0 0.67 2.0 U 2.0 0.91 1.0 U 1.0 0.72 10 U 10 0.84 10 U 10 0.91 2.0 U 2.0 0.94 2.0 U 2.0 1.1 10 U 10 0.58 10 U 10 1.6 very Qualifier Limits 94 42.127 108 108 45.737 10.1	10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.82 ug/L 10 U 10 0.63 ug/L 10 U 1.0 0.63 ug/L 1.0 U 1.0 0.59 ug/L 1.0 U 1.0 0.59 ug/L 2.0 U 2.0 0.68 ug/L 10 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 1.0 U 1.0 0.67 ug/L 1.0 U 1.0 0.72 ug/L 1.0 U 10 0.84 ug/L 10 U 10 0.91 ug/L 2.0 U 2.0 1.1 ug/L 10 U 10 0.58 ug/L	10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.63 ug/L 10 U 10 0.63 ug/L 10 U 1.0 0.59 ug/L 10 U 1.0 0.59 ug/L 10 U 1.0 0.59 ug/L 2.0 U 2.0 0.41 ug/L 2.0 U 2.0 0.41 ug/L 10 U 1.0 0.41 ug/L 10 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 1.0 0.67 ug/L 10 U 1.0 0.72 ug/L 10 U 10 0.84 ug/L 2.0 U 2.0 0.94 ug/L 2.0 U 2.0 1.1 ug/L 10 U 10 0.58 ug/L	10 U 10 1.1 ug/L 09/20/20 08:40 10 U 10 0.82 ug/L 09/20/20 08:40 10 U 10 0.63 ug/L 09/20/20 08:40 10 U 10 0.63 ug/L 09/20/20 08:40 10 U 1.0 0.59 ug/L 09/20/20 08:40 10 U 1.0 0.59 ug/L 09/20/20 08:40 2.0 U 2.0 0.68 ug/L 09/20/20 08:40 10 U 1.0 0.41 ug/L 09/20/20 08:40 10 U 1.0 0.67 ug/L 09/20/20 08:40 10 U 1.0 0.67 ug/L 09/20/20 08:40 2.0 U 2.0 0.91 ug/L 09/20/20 08:40 10 U 1.0 0.72 ug/L 09/20/20 08:40 10 U 10 0.84 ug/L 09/20/20 08:40 2.0 U 2.0 0.91 ug/L 09/20/20 08:40 2.0	10U101.1ug/L09/20/20 08:4009/21/20 01:0010U101.1ug/L09/20/20 08:4009/21/20 01:0010U100.82ug/L09/20/20 08:4009/21/20 01:0010U100.63ug/L09/20/20 08:4009/21/20 01:0010U1.00.59ug/L09/20/20 08:4009/21/20 01:0010U1.00.41ug/L09/20/20 08:4009/21/20 01:0010U1.00.41ug/L09/20/20 08:4009/21/20 01:002.0U2.00.68ug/L09/20/20 08:4009/21/20 01:0010U1.00.67ug/L09/20/20 08:4009/21/20 01:0010U1.00.67ug/L09/20/20 08:4009/21/20 01:0010U1.00.67ug/L09/20/20 08:4009/21/20 01:0010U1.00.67ug/L09/20/20 08:4009/21/20 01:0010U1.00.67ug/L09/20/20 08:4009/21/20 01:0010U1.00.72ug/L09/20/20 08:4009/21/20 01:0010U1.00.72ug/L09/20/20 08:4009/21/20 01:0010U100.91ug/L09/20/20 08:4009/21/20 01:0010U100.94ug/L09/20/20 08:4009/21/20 01:0010U100.58ug/L09/20/20 08:4009/21/20 01:00

Job ID: 460-218634-1

Matrix: Water

Lab Sample ID: 460-218634-12 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection Q3 2020

Client Sample ID: H1MW-24 Date Collected: 09/16/20 13:35

Date Received: 09/16/20 18:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L	- T (, johning.	09/21/20 16:35	Dirac
Ethylbenzene	1.0	U	1.0		ug/L			09/21/20 16:35	
Toluene	1.0	U	1.0		ug/L				3
Xylenes, Total	2.0	U	2.0		ug/L			09/21/20 16:35 09/21/20 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75-123				rispared	09/21/20 16:35	Direc
4-Bromafluoroberizene	98		76-120					1 S. S. L. S. Lander	7
Dibromofluoromethane (Surr)	99		77-124					09/21/20 16:35	7
Toluene-de (Surr)	86		80-120					09/21/20 16:35	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte Rest	It Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0 U	10	1.1	ug/L		09/20/20 08:40	09/21/20 01:21	Diffac
Acenaphthene	0 U	10	1.7	ug/L		09/20/20 08:40	and the second	
Acenaphthylene	υu	10	0.82	1. S. M. B.		09/20/20 08:40	09/21/20 01:21	4
Anthracene	DU	10	0.63	ug/L		09/20/20 08:40	09/21/20 01-21	1
Benzo(a)anthracene	0 0	1.0	0.59	ug/L		09/20/20 08:40	09/21/20 01:21	
Heli Caratta da Caratta	0 0	10	0.41	ug/L		09/20/20 08:40		1
Benzo[b]fluoranthene 2	υu	2.0	0.68	ug/L		09/20/20 08:40	09/21/20 01:21	1
the other sector of the sector	0.0	10	1.4	ug/L		and the second second second second	09/21/20 01:21	- 2
	0 U	1.0	0.67			09/20/20 08:40	09/21/20 01:21	1
Chrysene 2		20	0.91	ug/L		09/20/20 08:40	09/21/20 01:21	1
Billion Tall and Tale and the	οU	1.0		ug/L		09/20/20 08:40	09/21/20 01:21	1
WE IN A CONTRACT OF	οU	10	0.72	ug/L		09/20/20 08:40	09/21/20 01-21	
	0 U	10		ug/L		09/20/20 08:40	09/21/20 01 21	Y
Indeno[1,2,3-cd]pyrene 2		2.0	0.91	ug/L		09/20/20 08:40	09/21/20 01:21	1
	αu		0,94	ug/L		09/20/20 08:40	09/21/20 01:21	T
		20	11	ug/L		09/20/20 08:40	09/21/20 01:21	.1
	αυ	10		ug/L		09/20/20 08:40	09/21/20 01:21	1
r ytene 1	a u	10	1.6	ug/L		09/20/20 08:40	09/21/20 01:21	1
Surrogate %Recover	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl 8	9	42-127				09/20/20 08:40	09/21/20 01:21	Dirac
Nitrobenzene-d5 (Surr) 10	3	46.137				09/20/20 08:40	09/21/20 01:21	4
Terphenyl-d14 (Sutr) 9	5	39-150				and the second second	09/21/20 01:21	1

Job ID: 460-218634-1

Lab Sample ID: 460-218634-14 Matrix: Water

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Client Contact	Project M	Project Manager: Chris Morris	s Morris			t	Date: Uht 17 a	I PSIAmerica Laboratories, Inc. ICOC No:
onsultants inc. P.C.	TeUFax: (6	TeUFax: (631) 759-2967	1		-	Lab Contact: Melissa Heas	r: Test Ame	1 of K COCe
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Iownstate Former MSP Site (33)		2 darys	**		X / elo) OSW		GND. LICK TY
	Sample	Sample	Sample		med Sem	iste D516 (om MS	460-219634 Chain of Custody	
Sample Identification	Date	-	G=Grab)	Matrix	Cont.	Ped 976	111111111	Sample Specific Notes
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ZZ -MUIH of		1120	-	1	5	XX		4
521 - Mult 42		1225		-	N)	XX		K
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vation Used: 1= ice, 2≅ HCI; 3≡ H2SO4; 4≡HNO3; 5=NaOH; 5= Other lie Hazard Identification:	NO3; 5=NaOH; 6= Other Please List any EPA Waste Codes for the sample in the	a Other PA Waste C	odes for the	s sample	in the	Sample Disposal (A fee mi	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	almed longer than 1 month)
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the second	Company: GEI Consultants In P.C.	El Consulta	2	Date/Time	1.7	Received by	Company	Date/Time: 114.17
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lished by:	Company		10	Cate/Time.	in la	Received in Laboretory by:	Company	Ś
	1	0	11			1	Form No. C	Form No. CA.C-Wi-002, Rev. 4.11, dated 1/24/2017
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141-5017-0519 fax Client Contact Pronsultants Inc. P.C. dew York Ave glon Station, NY 11746 160 - 9300 Phone FAX 100-9301 FAX 100-9301 FAX 100-9301 FAX 100-9301 FAX 100-9301 100-93000 100-9300 100-9300 100-9300 100-9300 100-	Regula							222	THE LEADER, INTERVISION NEW MARKEN THE
The second se		Regulatory Program:	Ë	CI DW CI NPDES		D RORA C	CI Other:		TestAmerica Laboratories, Inc.
The second se	oject Man.	Project Manager: Chris M	s Morris		Site	Contact:	Site Contact: Mike Quinlan	Date: 04/16/20	COC No:
The second second	VFax: (63)	TeVFax; (631) 759-2967			Lab	Contact:	Lab Contact: Melissa Haas	4 8	d of d. COCs
	An	Analysis Turnaround Time		Ime	F	0			er Voim
60 - 9300 Phone 60 - 9301 FAX Name: National Grid Hempstead Intersection 33 2000 ownstate Former MGP Site 1905/774 15.3	CALENDAR DAYS	DAYS	D WORK	D WORKING DAYS	F	_			12
Name: National Grid Hempstead Intersection 43 2001 ownstate Former, MGP Site 1905/74 15:3	TAT # GH	TAT I different from Below	iow stardard	R	1	-			Walk-in Client:
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Sample Identification	Sample Date	Sample Time	Sample Typo (C-Comp. (C-Comp.	Matrix Cont.	e2 benetii1 M mohe9	9055 X379 90-2+HA9	5 0 •19105		Samria Snardin Matas
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CUMM-080		1055	-	1 u	1	XX			1 10
BMW-25		1335	-	10	+	-		. Yen	141
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542			1			-		28-	1
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		1	T	-	-	-			
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vation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other	a0H; 6= 0	Other	1	-	-	-			
vie Hazard Identification: y samples from a listed EPA Hazardous Waste? Please Lis ents Section if the lab is to dispose of the sample.	at any EPA	Waste Co	des for the	Please List any EPA Waste Codes for the sample in the	1	mple Disp	tosal (A fee may	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	tained longer than 1 month)
	CI Polson B		C Unknown		T	Cl Return to Clent		G Territori In Lat.	
d Instructions/QC Requirements & Comments:	S 1								Nordis.
1 14 0 16	Custody Seal No.	No				Co	Cooler Temp. (°C): Obs'd		Them ID No.
6reg Vorenza	pany: GE	Company: GEI Consultants I P.C	SC.	Date Time	5 Re	Received by	6	Compadity	Determinen / 1. 4. 19
82	Company 12	X	5	Child March	Red He	Received by:	1	Company	Objectime: 1600
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r		1-0-1				1	~	Form No.	v. 4.11, dated

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Job ID: 460-218647-1

Matrix: Water

Matrix: Water

Lab Sample ID: 460-218647-1

Lab Sample ID: 460-218647-2

Client Sample ID: TB091720 Date Collected: 09/17/20 00:00 Date Received: 09/17/20 18:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Anishment	-
Benzene	1.0	U	1.0	and the second s	ug/L		riepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U.	1.0					09/22/20 02:35	1
Toluene					ug/L			09/22/20 02:35	1
	1.0		1,0	0.38	ug/L			09/22/20 02:35	
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/22/20 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared		
1.2-Dichloroethane-d4 (Surr)	100	the second second	75-123				Propared	Analyzed	Dil Fac
4-Bromofluorobenzene	112							09/22/20 02:35	1
Dibromofluoromethane (Surr)	0.00		76-120					09/22/20 02:35	7
	103		77-124					09/22/20 02:35	1
Toluene-dB (Surr)	101		80.120					09/22/20 02:35	

Client Sample ID: HIMW-05S

Date Collected: 09/17/20 06:50

Date Received: 09/17/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DUT
Benzene	1.0	U	1.0	0.20	ug/L		Trepared.	and the state of t	Dil Fac
Ethylbenzene	10	U	1.0		-			09/22/20 04:38	1
Toluene					ug/L			09/22/20 04:38	1
	1.0	0	1.0	0.38	ug/L			09/22/20 04:38	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/22/20 04-38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	000
1.2-Dichloroethane-d4 (Surr)	96		75.123				riepareu	the state of the s	Dil Fac
4-Bromofluorobenzene	113		76 - 120					09/22/20 04:38	1
Dibromofluoromethane (Surr)								09/22/20 04:38	9
	102		77-124					09/22/20 04:38	1
Toluene-d8 (Surr)	101		80-120					09/22/20 04:38	7

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1			09/20/20 08:40		Direc
Acenaphthene	10	u	10	1.1			09/20/20 08:40	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Acenaphihylene	10	U	10		ug/L		09/20/20 08:40	and the second second second	
Anthracene	10	U	10	0.63	100		09/20/20 08:40		
Benzo[ajanthracene	1.0	U	1.0	0.59	ug/L		09/20/20 08:40	and a rest or rist	1
Benzo[a]pyrene	1.0		1.0	0.41	ug/L			and the second second second	1
Benzo(b)fluoranthene	2.0		2.0	0.68	1 T		09/20/20 08:40	09/21/20 01:41	1
Benzo[g.h.i]perylene	10		10	1.4	ug/L		09/20/20 08:40	CADE COMPANY OF THE	1
Benzo[k]fluoranthene		U	1.0		ng/L		09/20/20 08:40	09/21/20 01:47	3
Chrysene	2.0		0.0	0.67	ug/L		09/20/20 08:40	09/21/20 01:41	1
Dibenz(a,h)anthracene	1.0		2,0	0.91	ug/L		09/20/20 08:40	09/21/20 01:41	1
Fluoranthene			1,0	0.72	ug/L_		09/20/20 08:40	09/21/20 01 41	1
Flubrene	10		10		ug/L		09/20/20 08:40	09/21/20 01:41	1
- Contraction	10		10	0.91	ug/L		09/20/20 08:40	09/21/20 01:41	1
Indeno[1,2,3-cd]pyrene			2.0	0.94	Mg/L		09/20/20 08:40	09/21/20 01:41	X
Naphthalene	2.0		2.0	11	Lig/L		09/20/20 08:40	09/21/20 01:41	T
Phenanthrene	10		10	0.58	ug/L		09/20/20 08:40	09/21/20 01:41	
Pyrene	10	u	10	1.6	ug/L		09/20/20 08:40	09/21/20 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared		
2-Fluorobiphenyl	105	-Marillant	42-121				09/20/20 08:40	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	113		46.137					09/21/20 01:41	1
	114		30.101				09/20/20 08:40	09/21/20 01:41	1



Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: HIMW-05S Date Collected: 09/17/20 06:50 Date Received: 09/17/20 18:30

Lab Sample ID: 460-218647-2 Matrix: Water

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Terphenyl-d14 (Surr)	106		39 - 150				09/20/20 08:40	the second se	
Client Sample ID: HIMV Date Collected: 09/17/20 08 Date Received: 09/17/20 18	:50					La	ab Sample	ID: 460-218 Matrix	
Method: 8260C - Volatile C				3430	~	_		_	
Berizene	and the second se	Qualifier	RL	MDL		D	Prepared	Analyzed	DIF
	1.0		1.0	0.20	ug/L			09/22/20 05:03	
Ethylbenzene Toluene	1.0		1.0	0.30				09/22/20 05:03	
- Constant	1.0		1.0	0.38	ug/L			09/22/20 05:03	
Xylenes, Total	2.0	U	2.0	0.65	ug/L			09/22/20 05:03	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fa
1.2-Dichlaroethane-d4 (Surr)	101		75-123				riepared	09/22/20 05:03	DITE
4-Bromofluorobenzene	113		76-120					09/22/20 05:03	
Dibromofluoromethane (Surr)	105		77-124					09/22/20 05:03	
Toluene-d8 (Surr)	103		80.120					09/22/20 05:03	
Method: 8270D - Semivola	tile Organia Ca	aver sound a	000000						
Analyte		Qualifier			12.00	51			
2-Methylnaphthalene	10	U	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Acenaphthene	10		10	1.1	ug/L		09/20/20 08:40	09/21/20 02:02	
Acenaphthylene	10		10	1.1	ug/L		09/20/20 08:40	09/21/20 02:02	
Anthracene	10	U	10		ug/L		09/20/20 08:40	09/21/20 02:02	
Benzo[a]anthracene	10	18	10	0.63			09/20/20 08:40	09/21/20 02:02	
Benzoja]pyrene	1.0		1.0	0.59			09/20/20 08:40	09/21/20 02:02	
Benzo(b)fluoranthene			1.0		ug/L		09/20/20 08:40	09/21/20 02:02	
Benzo(g,h,l)perylene	2:0		2.0		ug/L		09/20/20 08:40	09/21/20 02:02	
Benzo[k]fluoranthene	10		10		ug/L			A DECEMBER OF A	
Shrysene	1.0		1.0	0.67			09/20/20 08:40		
Dibenz(a,h)anthracone	2.0		2.0		ug/L			09/21/20 02:02	
Fluoranthene	1.0	100	1.0	0.72			09/20/20 08:40	09/21/20 02:02	
Fluorance	10		10	1.000	ng//			09/21/20 02:02	
	10		10		ug/L		09/20/20 08:40	09/21/20 02:02	
ndeno[1,2,3-cd]pyrene	2.0	20	2.0	0.94			09/20/20 08:40	09/21/20 02:02	
Vaphthalene	2.0		2.0	1.1		1	09/20/20 08:40	09/21/20 02:02	
Phenanthrene	10		10	0.58		. 8	09/20/20 08:40	09/21/20 02:02	
Pyrane	10	U	10	1.6	ug/L		09/20/20 08:40	09/21/20 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		42-127			A	Charles and a state of the Analysis of the	09/21/20 02:02	Di nat
litrobenzene-d5 (Surr)	86		46-137				Contractions and Solar I	09/21/20 02:02	
erphenyl-d14 (Surr)	71		39 - 150				09/20/20 08:40	a state of a beauting	
lient Sample ID: HIMW	10020							NOTE THEY DE	

Da Date Received: 09/17/20 18:30

Method: 8260C - Volat	tile Organic Compo	unds by GC/	MS						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene		1.			Contraction of the second		19 Abbilde	Analyzou	DULLAR
MONTOND.	1.0	U	1.0	0.20	ug/L			09/22/20 05:28	1

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: HIMW-201 Date Collected: 09/17/20 10:35 Date Received: 09/17/20 18:30 Job ID: 460-218647-1

Lab Sample ID: 460-218647-4 Matrix: Water

Method: 8260C - Volatile C Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Ethylbenzene	1.0	U	1.0	0.30	and the second s		Tropurou	09/22/20 05:28	DIFA
Toluene	1.0	U	1.0	0.38				09/22/20 05:28	-
Kylenes, Total	2.0	U	2.0		ug/L			09/22/20 05:28	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Anthropa	
1.2-Dichloroethane-d4 (Surr)	100	-	75-123				riepareu	Analyzed 09/22/20 05:28	Dil Fac
4-Bromofluorobenzene	110		76-120					09/22/20 05:28	
Dibromofluoromethane (Surr)	105		77-124					09/22/20 05:28	
Toluene-d8 (Surr)	703		80 - 120					09/22/20 05:28	
Method: 8270D - Semivola	tile Organic Co	mpounds	(GC/MS)					CONTRACT COMP.	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	1.1	ug/L	- 1	09/20/20 DB:40	09/21/20 02:23	t t
Acenaphthene	10	U	10	1.1	ug/L		09/20/20 08:40	09/21/20 02:23	
Acenaphthylene	10	U	10	0.82	ug/L		09/20/20 08:40	09/21/20 02:23	
Anthracene	10	U	10	0.63	ug/L		09/20/20 08:40	09/21/20 02:23	
Benzo[a]anthracene	1.0	11	1.0	0.59	ug/L		09/20/20 08:40	09/21/20 02:23	
Benzo[a]pyrene.	1.0	U.	1.0	0.41	ug/L		09/20/20 08:40	09/21/20 02:23	
Benzo[b]fluoranthene	2.0	U.	20	0,68	ug/L		09/20/20 08:40	09/21/20 02:23	
Banzo(g,h,i)perylene	10	U	10.	1.4	ug/L		09/20/20 08:40	09/21/20 02:23	1.1
Benzo[k]Iluorantnene	1.0	U	1.0	0.67	ug/L		09/20/20 08:40	09/21/20 02:23	
Chrysene	2.0	U	2.0	1.577.00	ug/L		09/20/20 08:40	09/21/20 02:23	- 3
Dibenz(a,h)anthracene	1.0	U	1.0		ug/L		09/20/20 08:40		
Fluoranthene	10	U	10		ug/L		09/20/20 08:40	09/21/20 02:23	- 03
Fluorene	10	U	10		ug/L		09/20/20 08:40	09/21/20 02:23	- 12
indeno[1,2,3-cd]pyrene		U	2.0		ug/L		09/20/20 08:40	09/21/20 02:23	1
Naphthalene		U	2.0		ug/L		09/20/20 08:40	09/21/20 02:23	1
Phenanthrene		ů	10	0.58			09/20/20 08:40	09/21/20 02:23	7
Pyrene	10	U	10	1,6			09/20/20 08:40	09/21/20 02:23 09/21/20 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Desenand		-
2-Fluorobiphenyl	98	AS BURNEY	42-127			1.1	Prepared 09/20/20 08:40	Analyzed	Dil Fac
Vitrobenzene-d5 (Surr)	108		46.137					09/21/20 02:23	1
Terphenyl-d14 (Surr)	103		39.150				09/20/20 08:40	09/21/20 02:23	7
lient Sample ID: HIMW	and a second second						09/20/20 08:40	09/21/20 02:23	1

Client Sample ID: HIMW-26D

Date Collected: 09/17/20 07:25 Date Received: 09/17/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: 460-218647-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U.	1.0	0.20	ug/L	- 2		09/22/20 05:52	Darac
Ethylberizene	1.0	U.	1.0		ug/L			09/22/20 05:52	
Toluene	0.48	J	1.0	0.38					1
Xylenes, Total	22		2,0	0.65				09/22/20 05:52 09/22/20 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75-123				Trepared	09/22/20 05:52	Durac
4-Bramofluorobenzene	112		76.120						1
Dibromofivoromethane (Surr)	108		77 - 124					09/22/20 05:52	1
Taluene-d8 (Surr)								09/22/20 05:52	1
manageries and beiners?	106		80-120					09/22/20 05:52	

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: HIMW-26D Date Collected: 09/17/20 07:25

Date Collected: 09/17/20 07:25 Date Received: 09/17/20 18:30

Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	280		40	4.4	ug/L	-	09/20/20 08:40	09/22/20 06:58	4
Acenaphthene	8,4	1	40	4.3	ug/L		09/20/20 08:40	09/22/20 06:58	
Acenaphthylene	100		40	3.3	ug/L		09/20/20 08:40	09/22/20 06:58	4
Anthracene	40	U	40	2.5	ug/L		09/20/20 08:40	09/22/20 06:58	4
Benzo[a]anthracene	4.0	U	4.0	2.4	ug/L		09/20/20 08:40	09/22/20 06:58	
Benzo[a]pyrene	4.0		4.0	1.6	ug/L		09/20/20 08:40	09/22/20 06:58	4
Benzo[b]fluoranthene	0,8	UT.	8.0	2.7	ug/L		09/20/20 08:40	09/22/20 06:58	4
Benzo[g.h.i]perylene	40	U	40	5.7	ug/L		09/20/20 08:40	09/22/20 06:58	4
Benzo[k]fluoranthene	4,0	LI.	4.0	2.7	ug/L		09/20/20 08:40	09/22/20 06:58	d
Chrysene	8.0	U	8.0	3.8	ug/L		09/20/20 08:40	09/22/20 06:58	d
Dibenz(a,h)anthracene	4.0	u	4.0	2.9	ug/L		09/20/20 08:40	09/22/20 06:58	4
Fluoranthene	40	U	40	3.4	ug/L		09/20/20 08:40	09/22/20 06:58	
Fluorene	23	J	40	3.6	Ng/L		09/20/20 08:40	09/22/20 06:58	4
ndeno[1,2,3-cd]pyrene	8.0	U	8.0	3.8	ug/L		09/20/20 08:40	09/22/20 06:58	4
Vaphthalene	450		8.0	4.5	ug/L		09/20/20 08:40	09/22/20 06:58	4
Phenanthrene	19	J	40	2.3	ug/L		09/20/20 08:40	09/22/20 06:58	d
Pyrene	40	U	40		ug/L		09/20/20 08:40	09/22/20 06:58	4
iurrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Fluorobiphenyl	113		42-127				09/20/20 08:40	09/22/20 05:58	DICTAC
litrobenzene-d5 (Surr)	106		46 - 137				09/20/20 08:40	09/22/20 05:58	4
erphenyl-d14 (Surr)	121		39-150					09/22/20 06:58	4

Job ID: 460-218647-1

Lab Sample ID: 460-218647-5 Matrix: Water

Eurofins TestAmerica, Edison

prone 347.507.0579 fax	Regu	Regulatory Program: 0 0//	gram:		CI NUPDES	D RCAA D Other:			THE LEARER IN ENVIRONMENTAL TESTING
Client Contact	Project Manager: Chris Morris	nager: Chr	is Morris			10	ululan	Date: 0/17/7	COC No:
GEI Consultants Inc. P.C.	TeUFax: (631) 759-2967	31) 759-296	1	l	-	Lab Contact: Molissa Haas	Haas	r: Test A	1 of 1 Cross
Hundington Status MV		Analysis Turnaround Time	Inaround	Time	1	00			
	LU UNLENUME LARYS	K LIRYS	IL WOR	LI WORKING DAYS	1			Samera -	For Lab Use Only:
(631) 760 - 8301 FAX	TATRIA	TAT if different from Balow	siow standard	and		(N /		and a	Walk-In Client:
al Grid He er MGP S		1 week	1		NIAI	Y) a	-	220	Lab Sampling:
P O # 1905774.15.3		2 days		18	olam	eujÁus O SW/S	_		Job / SDG No.: LIX
Sample Identification	Samplo Date	Sample Time	Sample Type (Occump, d=Grab)	Matrix	es bareili	Mi mnoho ^c am-S+HA ^c am-S+HA ^c anita De			
TBOQINZC	22/11/6	I	0	11	11	X			Sample Specific Noles
HIMU-055	-	650	-	-	S	XX			1
HMW- 205	-	350			U	XX	F		24
HIM-ZOT	1	1035	-	-	V	XX			
HIMW- 26D	2	0725	2	-	V	2 7 7	F		×
								~	>
					-		-		
					-		1	5-Day	
460-218647 Chain of Custody	dy North							RUSH	
Proservation Used: 1= Ice, 2= HCI: 3= H2SO4: 4=HNO2: 5-N-OH o- OH	2-M-DH. OL	+					-		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Pleas Comments section is to the	Please List any EPA Waste Codes	A Waste Co	des for the	for the seriorle in the	1	Sample Disposal (A	fee may t	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	stained longer than 1 month)
	D Poison B		C Unterview						
instructions/QC Requirements & Comments:		CH		RE	ind.	Lu Return to Clerk	012	C Osposal by Lab D Archive for	tor Maaths
Custody Seals Intakti D. Yes D. No.	Custody Seal No.	No.	11	1	1	Caoler Temp. (°C): Obs'd	ъ. (°С): ОІ		Them ID No
Relinquished by: Not Owned	Company. Ser consultants Ir P.C. Company.	Consultan	2	Date(Time)	5	Received by:	1	Company	Date/Time: / Sch
Reliriquished by	Company.	1	010	Date/Time:	_	Received by:	2	Company	Catalitante 1600
a land	LL		85	179 159 A	-	ACCEIVED IN LABORATOR	y by:	Company:	DateTime: 1473

Client: GEI Consultants, Inc. Project/Site: National Grid Hempstead Intersection

Client Sample ID: TB100620 Date Collected: 10/06/20 00:00 Date Received: 10/07/20 20:00

Job ID: 460-220057-1

Matrix: Water

Lab Sample ID: 460-220057-1 Matrix: Water

nesun	Qualifier	RL	MOL	1.1		1 a		
1.0	11		10000		D	Prepared	Analyzed	Dil Fac
	1.5						10/10/20 17:32	
	1.5	1.0	0.30	ug/L			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1.0	U	1.0	0.38	ug/L				1
2.0	U	2.0					and the second se	1
			9.00	ugit			10/10/20 17:32	1
%Recovery	Qualifier	Limite						
and the second second second second		and the local distance in the second				Prepared	Analyzed	Dil Fac
		Contraction and the					10/10/20 17:32	1
							10/10/20 17:32	4
1080		77-124					Contraction of the second seco	
103		80_120					AND A DESCRIPTION OF A	1
21							10/10/20 17:32	1
21					Lak	Samala	ID. 400 000	1000
	1.0 1,0 2.0	107 108 103	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 2.0 1.0 %Recovery Qualifier Limits 105 75-123 107 76-120 108 77-124 103 80-120	1.0 U 1.0 0.20 1.0 U 1.0 0.30 1.0 U 1.0 0.30 1.0 U 2.0 0.65 %Recovery Qualifier Limits 105 75-123 107 76-120 108 77-124 103 80-120	1.0 U 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 105 75-123 107 76-120 108 77-124 103 80_120	1.0 U 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 105 75-123 107 76-120 108 77-124 103 80-120	1.0 1.0 0.20 ug/L 1.0 1.0 0.20 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.30 ug/L 1.0 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits Prepared 105 75-123 107 76-120 108 77-124 103 80-120	1.0 U 1.0 0.20 ug/L D Prepared Analyzed 1.0 U 1.0 0.20 ug/L 10/10/20 17.32 1.0 U 1.0 0.30 ug/L 10/10/20 17.32 1.0 U 1.0 0.38 ug/L 10/10/20 17.32 1.0 U 1.0 0.38 ug/L 10/10/20 17.32 2.0 U 2.0 0.65 ug/L 10/10/20 17.32 %Recovery Qualifier Limits Prepared Analyzed 10/10/20 17.32 105 75-123 10/10/20 17.32 10/10/20 17.32 10/10/20 17.32 107 76-120 10/10/20 17.32 10/10/20 17.32 10/10/20 17.32 103 80-120 10/10/20 17.32 10/10/20 17.32 10/10/20 17.32 103 80-120 10/10/20 17.32 10/10/20 17.32

Date Collected: 10/06/20 09:40 Date Received: 10/07/20 20:00

Method: 8260C - Volatile C Analyte	Result	Qualifier	RL	MDI	Unit		200 200 20		
Benzene	1.0	U	1.0			D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	H			ug/L			10/10/20 17:56	1
Toluene		U	1.0		ug/L			10/10/20 17:56	
Xylenes, Total			1.0	0.38	ug/L			10/10/20 17:56	4
Arrest tem	2.0	U	2.0	0.65	ug/L			10/10/20 17:56	
Surrogate	4/Deservery		1.00					19/10/20 11:20	1
1.2-Dichloroethane-d4 (Surr)	%Recovery 104	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	11-1		75-123					10/10/20 17:56	
	107		76-120						1
Dibromofluoromethane (Surr)	106		77-124					10/10/20 17:56	1
Toluene-d8 (Suitt)	100		80-120					10/10/20 17:56	7
			A4-150					10/10/20 17:56	

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		105				
2-Methylnaphthalene	10	the second se	10	and the second se	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10	u		1.1	-3		10/10/20 09:33		1
Acenaphthylene	10	1.00	10	3,1	ug/L		10/10/20 09:33	10/10/20 22:37	1
Anthracene	10	ü	10	0.82	- H		10/10/20 09:33	10/10/20 22:37	1
Benzoja)anthracene	1.0	-	10	0.63	ug/L		10/10/20 09:33		9
Benzo[a]pyrene			1.0	0.59	ug/L		10/10/20 09:33		
Benżo[b]fluoranthene	1.0		1.0	0.41	ug/L		10/10/20 09:33	10/10/20 22:37	
Benzo(g,h,l]perylene	2.0		2.0	0 68	µg/L		10/10/20 09:33	10/10/20 22:37	
Benzo[k]fluorantheng		U	10	1.4	ug/L		10/10/20 09:33	10/10/20 22:37	
Chrysene		U	1.0	0.67	ug/L		10/10/20 09:33	10/10/20 22:37	4
Dibenz(a,h)anthracene		u	2.0	0.91	ug/L		10/10/20 09:33	10/10/20 22:37	4
Fluoranthene		U	1.0	0.72	UG/L		10/10/20 09:33	10/10/20 22:37	
Fluorene	10	U.	10	0.84	ug/L		10/10/20 09:33		1
1. 1. 1. C. C. C. M.	10	U	10	200	ug/L		10/10/20 09:33	10/10/20 22:37	2
Indeno(1.2,3-cd)pyrone	2.0	U	2.0	- LOCO -	ug/L			10/10/20 22:37	1
Naphthalene	2.0	U.	2.0		ug/L		10/10/20 09:33	10/10/20 22:37	1
Phenanthrene	10	U	10		ug/L		10/10/20 09:33	10/10/20 22:37	1
Pyreno	10	U	10				0/10/20 09:33	10/10/20 22:37	1
Press			1.67	1.0	ug/L	1	0/10/20 09:33	10/10/20 22:37	1
Surrogate	%Recovery	Qualifier	Limits					Carrier Control	
2-Fluorobiphenyl	87		42-127				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		46-137				0/10/20 09:33	10/10/20 22:37	1
			1.11 (1.14)			1	0/10/20 09:33	10/10/20 22:37	1

GEI Consultants Inc. P.C. 1000 New York Ave	Regulatory Program:		CON NO	IT IBOKC Thereas			THE FIGURE IN THE CONTRACT MANY CONTRACT
DEL CONSUMANS INC. P.C.	Project Manager: Chris Norrie	Irls Norths	100	- Personal P	Site Contact: Mike Quinian	Date: 10/6/20	1 lostAmerica Laboratories, Inc.
	Tel/Fax: (631) 759-2967	967		Lab Co	Lab Contact: Melisse Hata	r: Test America	
Huntington Station, NY 11746	Anelysis 7 CALENDAR PAYS	Anelysis Turnaround Time	round Time	F	Gaz		Sempler:
(831) 760 - 9300 Phone (631) 760 - 9301 FAX Project Name: National Grid Hempelsad Interaction Site: Downstate Former MSP Site	1.00		pin pin		X8 enalethiqa		For Lab Use Only: Walk-in Client: Lab Sempling:
P O # 1905774,15.3 Remnla Irlantification	ple Sam	1 dey Sampte Type IC-Dentil		2 Mored Sample Mared Sample			SOD VON DOS 1905
Ta100620	[][6 29	(antr-u	- 11 -	13	14		Sample Specific Notes:
HIMW - 12I	1 000	07	N9	10			101
Page 369							
of 37							
		HSUNA HSUNA	TIO			460-220057 Chain of Custody	n of Custody
Preservation Used: 1= Ice, 2= HCI; 3= H2804; 4=HN03; 5=Na0H; 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please i ist any EPA Mas	NO3; S=NaOH; 6= Other Please I ist any EPA Waste Protes for the second is to the	Profess for th		11	le Disposal (A fee ma	A De assassed if samples ar	Semple Disposal (A fee may be assessed if samples are retained ionger than 1 month)
Commerries Section If the tab is to dispose of the sample.	E Polsan B	Cuties not stage	alduine a	1			
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Qualtody Seels Intact D Yes D No.	Custody Seal No.				Cooler Temp. (°C): Obs/6	: Obs/d: Corrd:	Theim ID No.
And a	Company: GEI Consultants P.C	ino.	Date/Thme-		ed by:	Comp	Cost CL Hand and
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10	1. I.V.	14	77.0	N	ALACT LADAN	LET Company CI	A 1981 10 2000



Site:	Downstate OMM Hempstead
Laboratory:	Eurofins Test America, Edison, NJ
Report Numbers:	460-228969-1 and 460-229075-1
Reviewer:	Elissa McDonagh/GEI Consultants
Date:	March 11, 2021

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
TB030121	460-228969-1	BTEX
HIMW-28S	460-228969-2	BTEX, PAH
HIMW-28I	460-228969-3	BTEX, PAH
FB030121	460-228969-4	BTEX, PAH
DUP-01	460-228969-5	BTEX, PAH
HIMW-08S	460-228969-6	BTEX, PAH
HIMW-08I	460-228969-7	BTEX, PAH
HIMW-27S	460-228969-8	BTEX, PAH
HIMW-27I	460-228969-9	BTEX, PAH
TB030221	460-229075-1	BTEX
HIMW-25	460-229075-2	BTEX, PAH
HIMW-24	460-229075-3	BTEX, PAH
HIMW-20S	460-229075-4	BTEX, PAH
HIMW-20I	460-229075-5	BTEX, PAH
HIMW-08D	460-229075-6	BTEX, PAH

Associated QC Samples:

Trip Blank:	TB030121, TB030221
Field Blank:	FB030121
Field Duplicate pair:	HIMW-28I/DUP-01

The above-listed aqueous samples, field blank, and trip blank samples were collected on March 1 and 2, 2021 and were analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260D and polynuclear aromatic hydrocarbon (PAH) semivolatile organic compounds (SVOCs) by SW-846 method 8270E.

The data validation was performed based on the Standard Operating Procedure (SOP) HW-33 (Revision 3) *Low/Medium Volatile Data Validation* (March 2013) and SOP HW-35 (Revision 2) *Semivolatile Data Validation* (March 2013) as well as by the methods referenced by the data package and professional and technical judgment.

The data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Initial and Continuing Calibrations
- Blanks

- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Internal Standard Results
- Laboratory Control Sample (LCS) Results
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Compound Identification

All results appear usable as reported or usable with minor qualification due to calibration nonconformances, surrogate recovery outliers, MS/MSD recovery outliers, and uncertainty for levels below the reporting limit. These results were considered valid; even though some were qualified as discussed below.

The validation findings were based on the following information.

Data Completeness

The data packages were complete as received by the laboratory.

Holding Times and Sample Preservation

All hold time and sample preservation criteria were met.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met except where noted below.

Instrument/ Calibration Standard	Compound	Calibration Exceedance	Validation Qualifier
		SVOC	
CBNAMS14 CCVIS 460- 762599/2 03/05/2021 07:21	Benzo[g,h,i]perylene	20.3 %R	Estimate (UJ) the nondetect result for benzo[g,h,i]perylene in the associated sample.
Associated samples:	DUP-01		
CBNAMS16	Indeno(123cd)pyrene	69.4 %R	Estimate (UJ) the nondetect results for
CCVIS 460- 762333/2	Dibenz(ah)anthracene	62.3 %R	indeno(123cd)pyrene, dibenz(ah)anthracene and
03/04/2021 08:55	Benzo[g,h,i]perylene	61.8 %R	benzo[g,h,i]perylene in the associated samples.
Associated samples:	HIMW-28S, HIMW-28I, FB030121,	HIMW-08S, HIM	1W-08I, HIMW-27I
CBNAMS17	Indeno(123cd)pyrene	36.5 %R	Estimate (UJ) the nondetect results for
CCVIS 460- 762604/2	Dibenz(ah)anthracene	35.4 %R	indeno(123cd)pyrene, dibenz(ah)anthracene and
03/05/2021 07:14	Benzo[g,h,i]perylene	37.1 %R	benzo[g,h,i]perylene in the associated sample.
Associated samples:	HIMW-27S		

GEI Consultants, Inc.

Initial calibration (ICAL) relative standard deviation (%RSD) > 20% for VOC and SVOC; estimate (J) positive and blank-qualified (UJ) results only. Continuing calibration (CCAL) percent difference (%D) > 20% for VOC and SVOC; estimate (J/UJ) positive and nondetect results. Response factor (RF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

<u>Blanks</u>

Contamination was not detected in the associated method blank samples. Contamination was not detected in the trip blank and field blank samples.

Surrogate Recoveries

The following table lists the surrogate recoveries outside of the control limits and the resulting validation actions.

Sample	Surrogate	Recovery (%)	Control Limits (%)	Validation Actions
			VOCs	
TB030121	1,2-Dichloroethane-d4	139		
HIMW-28S	1,2-Dichloroethane-d4	141		
HIMW-28I	1,2-Dichloroethane-d4	129		
FB030121	1,2-Dichloroethane-d4	134		Estimate (J) the positive results in the associated VOC samples; High bias.
DUP-01	1,2-Dichloroethane-d4	127	75-123	
HIMW-08S	1,2-Dichloroethane-d4	131		associated voc samples, ringh blas.
HIMW-08I	1,2-Dichloroethane-d4	146		
HIMW-27S	1,2-Dichloroethane-d4	133		
HIMW-27I	1,2-Dichloroethane-d4	139		

MS/MSD Results

MS/MSD analyses were performed on sample HIMW-28S for VOCs and SVOCs. All recovery and precision criteria were met, except where noted below.

			HIM	W-28S	
Analyte	MS (%)	MSD (%)	RPD (%)	Control Limits (%)	Validation Action/Bias
			V	OC	
Ethylbenzene	-96	-84	-	78-120/30	Validation was not required. Sample concentration greater than 4x that of the MS spiking solution.

Analyte	MS (%)	MSD (%)	RPD (%)	Control Limits (%)	Validation Action/Bias
			SV	/OC	
Benzo[g,h,i]perylene	-	-	63	49-149/30	Validation actions were not required as
Dibenz(a,h)anthracene	-	-	57	55-150/30	these associated compound results were
Indeno[1,2,3-cd]pyrene	-	-	60	54-150/30	nondetect in sample HIMW-28S.
2-Methylnaphthalene	-	10	63	55-111/30	
Acenaphthene	-	25	65	60-110/30	
Acenaphthylene	-	43	70	64-109/30	
Anthracene	-	48	58	65-109/30	
Benzo[a]anthracene	-	46	60	62-106/30	Estimate (J/UJ) the positive and/or
Benzo[a]pyrene	-	53	59	66-127/30	nondetect result for 2- methylnaphthalene, acenaphthene,
Benzo[b]fluoranthene	-	47	58	66-125/30	acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene,
Benzo[k]fluoranthene	-	51	62	64-125/30	benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene,
Chrysene	-	47	59	63-108/30	fluoranthene, fluorene, naphthalene,
Fluoranthene	-	48	58	65-113/30	phenanthrene and pyrene in sample HIMW-28S; Indeterminate bias.
Fluorene	-	38	62	65-111/30	
Naphthalene	-	-91	64	58-105/30	
Phenanthrene	-	35	66	65-108/30	
Pyrene	-	48	64	54-114/30	
- Criteria met					

Internal Standard Results

All internal standard criteria were met except where noted below.

VOC internal standard (ISTD) response for 2-Butanone-d5 for the following samples was outside acceptance criteria: HIMW-24 (460-229075-3) and HIMW-20S (460-229075-4). This ISTD does not correspond to any of the requested target compounds, therefore no action was required.

LCS Results

All recovery and precision criteria were met, except where noted below.

Compound	LCS (%)	LCSD (%)	Control Limits (%)	LCS ID/Associated samples	Validation Action/Bias
				SVOCs	
Phenanthrene	-	109	65-108	LCS 460-762668/2-A/LCSD 460- 762668/3-A: HIMW-25, HIMW- 24, HIMW-20S, HIMW-20I, HIMW-08D	Phenanthrene was not detected in the associated samples. Qualifications were not required.
- Criteria met					

Field Duplicate Results

Samples HIMW-28I and DUP-01 were submitted as the field duplicate pair with this sample group. All results were nondetect in these samples. Precision was deemed acceptable, no action required.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL). These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Compound Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

- U The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.
- J Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.
- UJ The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.
- NJ The analysis indicates the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
- R Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: TB030121 Date Collected: 03/01/21 00:00 Date Received: 03/01/21 17:30

Method: 8260D - Volatile O	· ·	-				_			
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/03/21 22:08	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/03/21 22:08	1
Toluene	1.0	U	1.0	0.38	ug/L			03/03/21 22:08	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/03/21 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	139	*	75 - 123					03/03/21 22:08	1
4-Bromofluorobenzene	103		76 - 120					03/03/21 22:08	1
4-DIOIIIOIIUOIODE/IZEIIE									
Dibromofluoromethane (Surr)	112		77 - 124					03/03/21 22:08	1
	112 100		77 - 124 80 - 120					03/03/21 22:08 03/03/21 22:08	1 1

Client Sample ID: HIMW-28S

Date Collected: 03/01/21 08:05

Date Received: 03/01/21 17:30

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.6	J	1.0	0.20	ug/L			03/04/21 00:24	1
Ethylbenzene	160	J	1.0	0.30	ug/L			03/04/21 00:24	1
Toluene	3.2	J	1.0	0.38	ug/L			03/04/21 00:24	1
Xylenes, Total	15	J	2.0	0.65	ug/L			03/04/21 00:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	141	*	75 - 123					03/04/21 00:24	1
4-Bromofluorobenzene	95		76 - 120					03/04/21 00:24	1
Dibromofluoromethane (Surr)	110		77 - 124					03/04/21 00:24	1
Toluene-d8 (Surr)	97		80 - 120					03/04/21 00:24	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	54	J	50	2.6	ug/L		03/03/21 09:34	03/04/21 12:31	5
Acenaphthene	24	JJ	50	5.4	ug/L		03/03/21 09:34	03/04/21 12:31	5
Acenaphthylene	50	υUJ	50	4.1	ug/L		03/03/21 09:34	03/04/21 12:31	5
Anthracene	50	υUJ	50	6.5	ug/L		03/03/21 09:34	03/04/21 12:31	5
Benzo[a]anthracene	5.0	U <mark>UJ</mark>	5.0	3.0	ug/L		03/03/21 09:34	03/04/21 12:31	5
Benzo[a]pyrene	5.0	υ <mark>UJ</mark>	5.0	2.0	ug/L		03/03/21 09:34	03/04/21 12:31	5
Benzo[b]fluoranthene	10	U UJ	10	3.4	ug/L		03/03/21 09:34	03/04/21 12:31	5
Benzo[g,h,i]perylene	50	U <mark>UJ</mark>	50	3.5	ug/L		03/03/21 09:34	03/04/21 12:31	5
Benzo[k]fluoranthene	5.0	U UJ	5.0	3.4	ug/L		03/03/21 09:34	03/04/21 12:31	5
Chrysene	50	υIJ	50	4.5	ug/L		03/03/21 09:34	03/04/21 12:31	5
Dibenz(a,h)anthracene	5.0	U U.I	5.0	3.6	ug/L		03/03/21 09:34	03/04/21 12:31	5
Fluoranthene	50	υÜĴ	50	4.2	ug/L		03/03/21 09:34	03/04/21 12:31	5
Fluorene	18	JJ	50	4.6	ug/L		03/03/21 09:34	03/04/21 12:31	5
Indeno[1,2,3-cd]pyrene	10	U UJ	10	4.7	ug/L		03/03/21 09:34	03/04/21 12:31	5
Naphthalene	230	J	10	2.7	ug/L		03/03/21 09:34	03/04/21 12:31	5
Phenanthrene	17	JJ	50	6.4	ug/L		03/03/21 09:34	03/04/21 12:31	5
Pyrene	50	U <mark>UJ</mark>	50	8.2	ug/L		03/03/21 09:34	03/04/21 12:31	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		42 - 127				03/03/21 09:34	03/04/21 12:31	5
Nitrobenzene-d5 (Surr)	75		46 - 137				03/03/21 09:34	03/04/21 12:31	5

Eurofins TestAmerica, Edison

Job ID: 460-228969-1

Matrix: Water

Lab Sample ID: 460-228969-1 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Job ID: 460-228969-1

Client Sample ID: HIMW-28 Date Collected: 03/01/21 08:05 Date Received: 03/01/21 17:30	S					La	b Sample	ID: 460-228 Matrix	
Method: 8270E - Semivolatile C	organic Co	mpounds	(GC/MS) (Co	ntinued)				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Terphenyl-d14 (Surr)	57		39 - 150					03/04/21 12:31	
- · · · ·									
Client Sample ID: HIMW-28 Date Collected: 03/01/21 09:00	I					La	b Sample	ID: 460-228 Matrix	
Date Received: 03/01/21 17:30									
Method: 8260D - Volatile Organ		unds by G Qualifier		MDL	11:4	_	Droporod	Anolyzed	Dil Fa
Analyte	1.0					D	Prepared	Analyzed	
Benzene			1.0	0.20	-			03/04/21 00:46	
Ethylbenzene	1.0		1.0	0.30	-			03/04/21 00:46	-
Toluene	1.0		1.0	0.38				03/04/21 00:46	• • • • • • • •
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/04/21 00:46	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	129	*	75 - 123					03/04/21 00:46	
4-Bromofluorobenzene	89		76 - 120					03/04/21 00:46	
Dibromofluoromethane (Surr)	107		77 - 124					03/04/21 00:46	
Toluene-d8 (Surr)	97		80 - 120					03/04/21 00:46	
Mothody 8270E Somiyolotile (annia Ca	maguada							
Method: 8270E - Semivolatile C Analyte	-	Qualifier	(GC/IVIS) RL	мы	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10		10	0.53				03/04/21 12:10	Birru
Acenaphthene	10		10	1.1	-			03/04/21 12:10	
Acenaphthylene	10		10	0.82	-			03/04/21 12:10	
Anthracene	10		10		ug/L ug/L			03/04/21 12:10	· · · · · · · · ·
Benzo[a]anthracene	1.0		1.0	0.59	-			03/04/21 12:10	
	1.0		1.0	0.39	-			03/04/21 12:10	
Benzo[a]pyrene	2.0		2.0		ug/L ug/L			03/04/21 12:10	
Benzo[b]fluoranthene					-				
Benzo[g,h,i]perylene			10	0.70	-			03/04/21 12:10	
Benzo[k]fluoranthene	1.0		1.0	0.67				03/04/21 12:10	
Chrysene	10		10	0.91	-			03/04/21 12:10	
Dibenz(a,h)anthracene		U UJ	1.0	0.72	-			03/04/21 12:10	
Fluoranthene	10		10	0.84				03/04/21 12:10	
Fluorene	10		10	0.91	-			03/04/21 12:10	
Indeno[1,2,3-cd]pyrene		U UJ	2.0	0.94	-			03/04/21 12:10	
Naphthalene	2.0		2.0	0.54				03/04/21 12:10	•
Phenanthrene	10		10		ug/L			03/04/21 12:10	
Pyrene	10	U	10	1.6	ug/L		03/03/21 09:34	03/04/21 12:10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
2-Fluorobiphenyl	71		42 - 127					03/04/21 12:10	-
Nitrobenzene-d5 (Surr)	79		46 - 137					03/04/21 12:10	
Terphenyl-d14 (Surr)	75		39 - 150				03/03/21 09:34	03/04/21 12:10	
lient Sample ID: FB03012	1					La	b Sample	ID: 460-228	8969-4
Date Collected: 03/01/21 09:10 Date Received: 03/01/21 17:30								Matrix	: Wate
Method: 8260D - Volatile Organ						_			_
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0		1.0		ug/L		· · · · · · · · · · · · · · · · · · ·	03/03/21 21:45	

Eurofins TestAmerica, Edison

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: FB030121 Date Collected: 03/01/21 09:10 Date Received: 03/01/21 17:30

Job ID: 460-228969-1

Lab Sample ID: 460-228969-4 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/03/21 21:45	1
Toluene	1.0	U	1.0	0.38	ug/L			03/03/21 21:45	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/03/21 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	134	*	75 - 123					03/03/21 21:45	1
4-Bromofluorobenzene	82		76 - 120					03/03/21 21:45	1
Dibromofluoromethane (Surr)	116		77 - 124					03/03/21 21:45	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/03/21 09:34	03/04/21 13:35	1
Acenaphthene	10	U	10	1.1	ug/L		03/03/21 09:34	03/04/21 13:35	1
Acenaphthylene	10	U	10	0.82	ug/L		03/03/21 09:34	03/04/21 13:35	1
Anthracene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 13:35	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/03/21 09:34	03/04/21 13:35	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/03/21 09:34	03/04/21 13:35	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/03/21 09:34	03/04/21 13:35	1
Benzo[g,h,i]perylene	10	U <mark>UJ</mark>	10	0.70	ug/L		03/03/21 09:34	03/04/21 13:35	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/03/21 09:34	03/04/21 13:35	1
Chrysene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 13:35	1
Dibenz(a,h)anthracene	1.0	υ <mark>UJ</mark>	1.0	0.72	ug/L		03/03/21 09:34	03/04/21 13:35	1
Fluoranthene	10	U	10	0.84	ug/L		03/03/21 09:34	03/04/21 13:35	1
Fluorene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 13:35	1
Indeno[1,2,3-cd]pyrene	2.0	υ <mark>UJ</mark>	2.0	0.94	ug/L		03/03/21 09:34	03/04/21 13:35	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/03/21 09:34	03/04/21 13:35	1
Phenanthrene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 13:35	1
Pyrene	10	U	10	1.6	ug/L		03/03/21 09:34	03/04/21 13:35	1
	0/ D	o	,				_ <i>,</i>		

Surrogate	%Recovery Qua	alifier Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	47	42 - 127	03/03/21 09:34	03/04/21 13:35	1
Nitrobenzene-d5 (Surr)	64	46 - 137	03/03/21 09:34	03/04/21 13:35	1
Terphenyl-d14 (Surr)	114	39 - 150	03/03/21 09:34	03/04/21 13:35	1

Client Sample ID: DUP-01

Date Collected: 03/01/21 00:00 Date Received: 03/01/21 17:30

Method: 8260D - Volatile	Organic	Compounds	by	GC/MS
Welliou. 0200D - Volalie	Organic	Compounds	IJy	GCINS

	rguine compe								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/04/21 01:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/04/21 01:09	1
Toluene	1.0	U	1.0	0.38	ug/L			03/04/21 01:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/04/21 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	127	*	75 - 123			-		03/04/21 01:09	1
4-Bromofluorobenzene	90		76 - 120					03/04/21 01:09	1
Dibromofluoromethane (Surr)	104		77 - 124					03/04/21 01:09	1
Toluene-d8 (Surr)	105		80 - 120					03/04/21 01:09	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-228969-5

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: DUP-01 Date Collected: 03/01/21 00:00

Date Received: 03/01/21 17:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/04/21 15:24	03/05/21 09:15	1
Acenaphthene	10	U	10	1.1	ug/L		03/04/21 15:24	03/05/21 09:15	1
Acenaphthylene	10	U	10	0.82	ug/L		03/04/21 15:24	03/05/21 09:15	1
Anthracene	10	U	10	1.3	ug/L		03/04/21 15:24	03/05/21 09:15	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/04/21 15:24	03/05/21 09:15	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/04/21 15:24	03/05/21 09:15	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/04/21 15:24	03/05/21 09:15	1
Benzo[g,h,i]perylene	10	υ <mark>υ</mark>	10	0.70	ug/L		03/04/21 15:24	03/05/21 09:15	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/04/21 15:24	03/05/21 09:15	1
Chrysene	10	U	10	0.91	ug/L		03/04/21 15:24	03/05/21 09:15	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/04/21 15:24	03/05/21 09:15	1
Fluoranthene	10	U	10	0.84	ug/L		03/04/21 15:24	03/05/21 09:15	1
Fluorene	10	U	10	0.91	ug/L		03/04/21 15:24	03/05/21 09:15	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/04/21 15:24	03/05/21 09:15	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/04/21 15:24	03/05/21 09:15	1
Phenanthrene	10	U	10	1.3	ug/L		03/04/21 15:24	03/05/21 09:15	1
Pyrene	10	U	10	1.6	ug/L		03/04/21 15:24	03/05/21 09:15	1
Surrogate	%Recovery	Qualifier	l imits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		42 - 127	03/04/21 15:24	03/05/21 09:15	1
Nitrobenzene-d5 (Surr)	104		46 - 137	03/04/21 15:24	03/05/21 09:15	1
Terphenyl-d14 (Surr)	115		39 - 150	03/04/21 15:24	03/05/21 09:15	1

Client Sample ID: HIMW-08S Date Collected: 03/01/21 12:05 Date Received: 03/01/21 17:30

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Lab Sample ID: 460-228969-6 Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.89	J	1.0	0.20	ug/L			03/04/21 01:32	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/04/21 01:32	1
Toluene	1.0	U	1.0	0.38	ug/L			03/04/21 01:32	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/04/21 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	131	*	75 - 123					03/04/21 01:32	1
4-Bromofluorobenzene	94		76 - 120					03/04/21 01:32	1

77 - 124

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

108

104

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/03/21 09:34	03/04/21 18:50	1
Acenaphthene	10	U	10	1.1	ug/L		03/03/21 09:34	03/04/21 18:50	1
Acenaphthylene	10	U	10	0.82	ug/L		03/03/21 09:34	03/04/21 18:50	1
Anthracene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 18:50	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/03/21 09:34	03/04/21 18:50	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/03/21 09:34	03/04/21 18:50	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/03/21 09:34	03/04/21 18:50	1
Benzo[g,h,i]perylene	10	U <mark>UJ</mark>	10	0.70	ug/L		03/03/21 09:34	03/04/21 18:50	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/03/21 09:34	03/04/21 18:50	1

Eurofins TestAmerica, Edison

03/04/21 01:32

03/04/21 01:32

1

1

Job ID: 460-228969-1

Lab Sample ID: 460-228969-5 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-08S Date Collected: 03/01/21 12:05

Date Received: 03/01/21 17:30

				(0) (1)
Method: 8270E -	Semivolatile Ord	anic Compounds	(GC/MS)	(Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 18:50	1
Dibenz(a,h)anthracene	1.0	U UJ	1.0	0.72	ug/L		03/03/21 09:34	03/04/21 18:50	1
Fluoranthene	10	U	10	0.84	ug/L		03/03/21 09:34	03/04/21 18:50	1
Fluorene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 18:50	1
Indeno[1,2,3-cd]pyrene	2.0	U <mark>UJ</mark>	2.0	0.94	ug/L		03/03/21 09:34	03/04/21 18:50	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/03/21 09:34	03/04/21 18:50	1
Phenanthrene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 18:50	1
Pyrene	10	U	10	1.6	ug/L		03/03/21 09:34	03/04/21 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		42 - 127				03/03/21 09:34	03/04/21 18:50	1

2-Fluorobiphenyl 67 42 - 127 Nitrobenzene-d5 (Surr) 90 46 - 137 Terphenyl-d14 (Surr) 92 39 - 150

Client Sample ID: HIMW-08I

Date Collected: 03/01/21 13:05 Date Received: 03/01/21 17:30

Lab Sample ID: 460-228969-7

03/03/21 09:34 03/04/21 18:50

03/03/21 09:34 03/04/21 18:50

Matrix: Water

1

1

Method: 8260D - Volatile O	-								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/04/21 01:54	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/04/21 01:54	1
Toluene	1.0	U	1.0	0.38	ug/L			03/04/21 01:54	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/04/21 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	146	*	75 - 123					03/04/21 01:54	1
4-Bromofluorobenzene	93		76 - 120					03/04/21 01:54	1
Dibromofluoromethane (Surr)	120		77 - 124					03/04/21 01:54	1
Toluene-d8 (Surr)	99		80 - 120					03/04/21 01:54	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/03/21 09:34	03/04/21 14:17	1
Acenaphthene	10	U	10	1.1	ug/L		03/03/21 09:34	03/04/21 14:17	1
Acenaphthylene	10	U	10	0.82	ug/L		03/03/21 09:34	03/04/21 14:17	1
Anthracene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 14:17	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/03/21 09:34	03/04/21 14:17	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/03/21 09:34	03/04/21 14:17	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/03/21 09:34	03/04/21 14:17	1
Benzo[g,h,i]perylene	10	U <mark>UJ</mark>	10	0.70	ug/L		03/03/21 09:34	03/04/21 14:17	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/03/21 09:34	03/04/21 14:17	1
Chrysene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 14:17	1
Dibenz(a,h)anthracene	1.0	U <mark>UJ</mark>	1.0	0.72	ug/L		03/03/21 09:34	03/04/21 14:17	1
Fluoranthene	10	U	10	0.84	ug/L		03/03/21 09:34	03/04/21 14:17	1
Fluorene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 14:17	1
Indeno[1,2,3-cd]pyrene	2.0	U <mark>UJ</mark>	2.0	0.94	ug/L		03/03/21 09:34	03/04/21 14:17	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/03/21 09:34	03/04/21 14:17	1
Phenanthrene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 14:17	1
Pyrene	10	U	10	1.6	ug/L		03/03/21 09:34	03/04/21 14:17	1

Lab Sample ID: 460-228969-6 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-08I Date Collected: 03/01/21 13:05 Date Received: 03/01/21 17:30

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	95		42 - 127
Nitrobenzene-d5 (Surr)	107		46 - 137
Terphenyl-d14 (Surr)	97		39 - 150

Client Sample ID: HIMW-27S Date Collected: 03/01/21 09:00 Date Received: 03/01/21 17:30

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9.3	J	2.0	0.41	ug/L			03/04/21 02:40	2
Ethylbenzene	440	J	2.0	0.60	ug/L			03/04/21 02:40	2
Toluene	14	J	2.0	0.76	ug/L			03/04/21 02:40	2
Xylenes, Total	410	J	4.0	1.3	ug/L			03/04/21 02:40	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	133	*	75 - 123					03/04/21 02:40	2
4-Bromofluorobenzene	97		76 - 120					03/04/21 02:40	2
Dibromofluoromethane (Surr)	104		77 - 124					03/04/21 02:40	2
Toluene-d8 (Surr)	111		80 - 120					03/04/21 02:40	2

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	290		100	5.3	ug/L		03/03/21 09:34	03/05/21 10:40	10
Acenaphthene	84	J	100	11	ug/L		03/03/21 09:34	03/05/21 10:40	10
Acenaphthylene	100	U	100	8.2	ug/L		03/03/21 09:34	03/05/21 10:40	10
Anthracene	100	U	100	13	ug/L		03/03/21 09:34	03/05/21 10:40	10
Benzo[a]anthracene	10	U	10	5.9	ug/L		03/03/21 09:34	03/05/21 10:40	10
Benzo[a]pyrene	10	U	10	4.1	ug/L		03/03/21 09:34	03/05/21 10:40	10
Benzo[b]fluoranthene	20	U	20	6.8	ug/L		03/03/21 09:34	03/05/21 10:40	10
Benzo[g,h,i]perylene	100	U <mark>UJ</mark>	100	7.0	ug/L		03/03/21 09:34	03/05/21 10:40	10
Benzo[k]fluoranthene	10	U	10	6.7	ug/L		03/03/21 09:34	03/05/21 10:40	10
Chrysene	100	U	100	9.1	ug/L		03/03/21 09:34	03/05/21 10:40	10
Dibenz(a,h)anthracene	10	U <mark>UJ</mark>	10	7.2	ug/L		03/03/21 09:34	03/05/21 10:40	10
Fluoranthene	100	U	100	8.4	ug/L		03/03/21 09:34	03/05/21 10:40	10
Fluorene	38	J	100	9.1	ug/L		03/03/21 09:34	03/05/21 10:40	10
Indeno[1,2,3-cd]pyrene	20	U <mark>UJ</mark>	20	9.4	ug/L		03/03/21 09:34	03/05/21 10:40	10
Naphthalene	1100		20	5.4	ug/L		03/03/21 09:34	03/05/21 10:40	10
Phenanthrene	40	J	100	13	ug/L		03/03/21 09:34	03/05/21 10:40	10
Pyrene	100	U	100	16	ug/L		03/03/21 09:34	03/05/21 10:40	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		42 - 127				03/03/21 09:34	03/05/21 10:40	10
Nitrobenzene-d5 (Surr)	87		46 - 137				03/03/21 09:34	03/05/21 10:40	10
Terphenyl-d14 (Surr)	93		39 - 150				03/03/21 09:34	03/05/21 10:40	10

Job ID: 460-228969-1

Lab Sample ID: 460-228969-7 Matrix: Water

Prepared

03/03/21 09:34 03/04/21 14:17 1 03/03/21 09:34 03/04/21 14:17 1 03/03/21 09:34 03/04/21 14:17 1

Dil Fac

Analyzed

Lab Sample ID: 460-228969-8 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-27I Date Collected: 03/01/21 11:35 Date Received: 03/01/21 17:30

Toluene-d8 (Surr)

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/04/21 02:17	1
Ethylbenzene	0.35	J	1.0	0.30	ug/L			03/04/21 02:17	1
Toluene	1.0	U	1.0	0.38	ug/L			03/04/21 02:17	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/04/21 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	139	*	75 - 123					03/04/21 02:17	1
4-Bromofluorobenzene	90		76 - 120					03/04/21 02:17	1
Dibromofluoromethane (Surr)	113		77 - 124					03/04/21 02:17	1
Toluene-d8 (Surr)	90		80 120					03/04/21 02.17	1

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

90

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	1.5	J	10	0.53	ug/L		03/03/21 09:34	03/04/21 19:10	1
Acenaphthene	10	U	10	1.1	ug/L		03/03/21 09:34	03/04/21 19:10	1
Acenaphthylene	10	U	10	0.82	ug/L		03/03/21 09:34	03/04/21 19:10	1
Anthracene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 19:10	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/03/21 09:34	03/04/21 19:10	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/03/21 09:34	03/04/21 19:10	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/03/21 09:34	03/04/21 19:10	1
Benzo[g,h,i]perylene	10	υ <mark>UJ</mark>	10	0.70	ug/L		03/03/21 09:34	03/04/21 19:10	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/03/21 09:34	03/04/21 19:10	1
Chrysene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 19:10	1
Dibenz(a,h)anthracene	1.0	U <mark>UJ</mark>	1.0	0.72	ug/L		03/03/21 09:34	03/04/21 19:10	1
Fluoranthene	10	U	10	0.84	ug/L		03/03/21 09:34	03/04/21 19:10	1
Fluorene	10	U	10	0.91	ug/L		03/03/21 09:34	03/04/21 19:10	1
Indeno[1,2,3-cd]pyrene	2.0	υ <mark>UJ</mark>	2.0	0.94	ug/L		03/03/21 09:34	03/04/21 19:10	1
Naphthalene	0.86	J	2.0	0.54	ug/L		03/03/21 09:34	03/04/21 19:10	1
Phenanthrene	10	U	10	1.3	ug/L		03/03/21 09:34	03/04/21 19:10	1
Pyrene	10	U	10	1.6	ug/L		03/03/21 09:34	03/04/21 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenvl	47		42 - 127				03/03/21 09:34	03/04/21 19:10	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	47	42 - 127	03/03/21 09:34	03/04/21 19:10	1
Nitrobenzene-d5 (Surr)	65	46 - 137	03/03/21 09:34	03/04/21 19:10	1
Terphenyl-d14 (Surr)	97	39 - 150	03/03/21 09:34	03/04/21 19:10	1

Matrix: Water

Lab Sample ID: 460-228969-9

03/04/21 02:17

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TestAmerica New York City	Ch	Chain of Custody Record	~ ~	Test Annerico
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Long Island City, NY 11101-2425 phone 347.507.0579 fax	Regulatory Program: Dow	🗆 NPDES 🗖 RCRA 🗖 Other:	e are	ratorie
Client Contact	is in the second s	Site Contact	Date: 31/21	CDC No.
GEI Consultants Inc. P.C.	Tel/Fax: (631) 759-2967	Lab Contact: Melissa Haas	r: TestAn	1 of 1 COCs
1000 New York Ave	is Turnaro			Sampler:
on, NY 11746	CALENDAR DAYS (1) WORKING DAYS			For Lab Use Only:
	TAT if different from Below standard	(.N)		Walk-in Client:
(631) 760 - 9301 FAX		FK		Lab Sampling:
Project Name: National Grid GVV Monitoring Site: Downstate Hemostaad Former MGP Site) as		
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FLZ - MUIH	NN SEII	S XX	6	
Preservation Used: 1= ice, 2= HCI; 3= H2SO4; 4=HNO3;	3; 6=NaOH; 6= Other			
	Please List any EPA Waste Codes for the sample in the	Sample Disposal (A fee may be assessed if sa le in the		
	Distort B [1] Hikinuud		460-228969 Chain of	
al Instructions/QC Requirements & .	CXL	Bert in remain a clean in the	L USPSSI DV AN	
Cusiody Seals (MFC): CV Yes D No		Cogget Temp. (°C):	Obs'd:	Therm ID No.
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Xanol 3121	1730 2 GIL		Form No. C	Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: TB030221 Date Collected: 03/02/21 00:00 Date Received: 03/02/21 17:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/05/21 01:43	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/05/21 01:43	1
Toluene	1.0	U	1.0	0.38	ug/L			03/05/21 01:43	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 01:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 123					03/05/21 01:43	1
4-Bromofluorobenzene	101		76 - 120					03/05/21 01:43	1
Dibromofluoromethane (Surr)	98		77 - 124					03/05/21 01:43	1
Toluene-d8 (Surr)	97		80 - 120					03/05/21 01:43	1

Client Sample ID: HIMW-25

Date Collected: 03/02/21 09:40 Date Received: 03/02/21 17:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/05/21 03:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/05/21 03:01	1
Toluene	1.0	U	1.0	0.38	ug/L			03/05/21 03:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1.2-Dichloroethane-d4 (Surr)	93		75 - 123			-		03/05/21 03:01	1

1,2-Diciliolocularie-04 (Sull)	95	75-125	03/03/21/03:01 1
4-Bromofluorobenzene	102	76 - 120	03/05/21 03:01 1
Dibromofluoromethane (Surr)	100	77 - 124	03/05/21 03:01 1
Toluene-d8 (Surr)	100	80 - 120	03/05/21 03:01 1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/05/21 10:04	03/05/21 23:50	1
Acenaphthene	10	U	10	1.1	ug/L		03/05/21 10:04	03/05/21 23:50	1
Acenaphthylene	10	U	10	0.82	ug/L		03/05/21 10:04	03/05/21 23:50	1
Anthracene	10	U	10	1.3	ug/L		03/05/21 10:04	03/05/21 23:50	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/05/21 10:04	03/05/21 23:50	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/05/21 10:04	03/05/21 23:50	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/05/21 10:04	03/05/21 23:50	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/05/21 10:04	03/05/21 23:50	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/05/21 10:04	03/05/21 23:50	1
Chrysene	10	U	10	0.91	ug/L		03/05/21 10:04	03/05/21 23:50	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/05/21 10:04	03/05/21 23:50	1
Fluoranthene	10	U	10	0.84	ug/L		03/05/21 10:04	03/05/21 23:50	1
Fluorene	10	U	10	0.91	ug/L		03/05/21 10:04	03/05/21 23:50	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/05/21 10:04	03/05/21 23:50	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/05/21 10:04	03/05/21 23:50	1
Phenanthrene	10	U	10	1.3	ug/L		03/05/21 10:04	03/05/21 23:50	1
Pyrene	10	U	10	1.6	ug/L		03/05/21 10:04	03/05/21 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		42 - 127				03/05/21 10:04	03/05/21 23:50	1
Nitrobenzene-d5 (Surr)	72		46 - 137				03/05/21 10:04	03/05/21 23:50	1

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Eurofins TestAmerica, Edison

Job ID: 460-229075-1

Lab Sample ID: 460-229075-1 Matrix: Water

Lab Sample ID: 460-229075-2

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW Date Collected: 03/02/21 09:4 Date Received: 03/02/21 17:3	0					La	ib Sample	ID: 460-229 Matrix	
Method: 8270E - Semivolati	e Organic Co	mpounds	(GC/MS) (Co	ntinued)				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Terphenyl-d14 (Surr)	87		39 - 150				<u> </u>	03/05/21 23:50	
Client Sample ID: HIMW Date Collected: 03/02/21 10:3 Date Received: 03/02/21 17:3	0					La	ib Sample	ID: 460-229 Matrix	
Method: 8260D - Volatile Org						_	_ .		
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Benzene	1.0		1.0	0.20	-			03/05/21 03:27	
Ethylbenzene	1.0		1.0		ug/L			03/05/21 03:27	
Toluene	1.0		1.0		ug/L			03/05/21 03:27	
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 03:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)		quamor	75 - 123					03/05/21 03:27	
4-Bromofluorobenzene	107		76 - 120					03/05/21 03:27	
Dibromofluoromethane (Surr)	108		77 - 124					03/05/21 03:27	
Toluene-d8 (Surr)	107		80 - 120					03/05/21 03:27	
Method: 8270E - Semivolati	-		• •			_	- .		
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
2-Methylnaphthalene	10		10		ug/L		03/05/21 10:04		
Acenaphthene	10		10	1.1	ug/L			03/06/21 00:11	
Acenaphthylene	10		10		ug/L			03/06/21 00:11	
Anthracene	10		10		ug/L			03/06/21 00:11	
Benzo[a]anthracene	1.0		1.0		0			03/06/21 00:11	
Benzo[a]pyrene	1.0		1.0		ug/L			03/06/21 00:11	
Benzo[b]fluoranthene	2.0		2.0		ug/L			03/06/21 00:11	
Benzo[g,h,i]perylene	10	U	10	0.70	0		03/05/21 10:04	03/06/21 00:11	
Benzo[k]fluoranthene	1.0	U	1.0	0.67			03/05/21 10:04	03/06/21 00:11	
Chrysene	10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 00:11	
Dibenz(a,h)anthracene	1.0	U	1.0		ug/L		03/05/21 10:04	03/06/21 00:11	
Fluoranthene	10	U	10	0.84	ug/L		03/05/21 10:04	03/06/21 00:11	
Fluorene	10	U	10		ug/L		03/05/21 10:04	03/06/21 00:11	
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/05/21 10:04	03/06/21 00:11	
Naphthalene	2.0	U	2.0	0.54	ug/L		03/05/21 10:04	03/06/21 00:11	
Phenanthrene	10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 00:11	
Pyrene	10	U	10	1.6	ug/L		03/05/21 10:04	03/06/21 00:11	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
2-Fluorobiphenyl	65		42 - 127					03/06/21 00:11	
Nitrobenzene-d5 (Surr)	92		46 - 137				03/05/21 10:04	03/06/21 00:11	
Terphenyl-d14 (Surr)	78		39 - 150				03/05/21 10:04	03/06/21 00:11	
Light Comple ID: LIMM	200						h Comple	10.460.220	075
Client Sample ID: HIMW- Date Collected: 03/02/21 12:0						La	in Sample	ID: 460-229 Matrix	
Date Received: 03/02/21 17:3								Watrix	. vvale
Method: 8260D - Volatile Org	nanic Compo	unds by G	C/MS						
		Qualifier		MDI	Unit	Р	Branarad	Analyzad	Dil Fa
Analyte	Result	Quaimer	RL	MDL	Unit	D	Prepared	Analyzed	Diria

Eurofins TestAmerica, Edison

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-20S Date Collected: 03/02/21 12:00 Date Received: 03/02/21 17:30

Job ID: 460-229075-1

Lab Sample ID: 460-229075-4 Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/05/21 03:53	1
Toluene	1.0	U	1.0	0.38	ug/L			03/05/21 03:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123					03/05/21 03:53	1
4-Bromofluorobenzene	99		76 - 120					03/05/21 03:53	1
4-Bromofluorobenzene Dibromofluoromethane (Surr)	99 101		76 - 120 77 - 124					03/05/21 03:53 03/05/21 03:53	1 1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

				Unit	D	Prepared	Analyzed	Dil Fac
10	U	10	0.53	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	1.1	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	0.82	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 00:32	1
1.0	U	1.0	0.59	ug/L		03/05/21 10:04	03/06/21 00:32	1
1.0	U	1.0	0.41	ug/L		03/05/21 10:04	03/06/21 00:32	1
2.0	U	2.0	0.68	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	0.70	ug/L		03/05/21 10:04	03/06/21 00:32	1
1.0	U	1.0	0.67	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 00:32	1
1.0	U	1.0	0.72	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	0.84	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 00:32	1
2.0	U	2.0	0.94	ug/L		03/05/21 10:04	03/06/21 00:32	1
2.0	U	2.0	0.54	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 00:32	1
10	U	10	1.6	ug/L		03/05/21 10:04	03/06/21 00:32	1
	10 10 10 1.0 2.0 10 1.0 10 1.0 10 2.0 2.0 10	10 U 10 U 10 U 10 U 10 U 10 U 10 U 2.0 U 10 U	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	10U101.1ug/L10U100.82ug/L10U101.3ug/L10U101.3ug/L1.0U1.00.59ug/L1.0U1.00.41ug/L2.0U2.00.68ug/L10U100.70ug/L10U100.67ug/L10U100.91ug/L10U100.91ug/L10U100.91ug/L2.0U2.00.94ug/L2.0U2.00.54ug/L10U101.3ug/L	10U101.1ug/L10U100.82ug/L10U101.3ug/L10U1.00.59ug/L1.0U1.00.41ug/L2.0U2.00.68ug/L10U100.70ug/L10U1.00.67ug/L10U100.91ug/L10U100.91ug/L10U100.91ug/L2.0U2.00.94ug/L2.0U2.00.54ug/L10U101.3ug/L10U101.3ug/L	10 U 10 1.1 ug/L 03/05/21 10:04 10 U 10 0.82 ug/L 03/05/21 10:04 10 U 10 0.82 ug/L 03/05/21 10:04 10 U 10 1.3 ug/L 03/05/21 10:04 10 U 1.0 0.59 ug/L 03/05/21 10:04 1.0 U 1.0 0.59 ug/L 03/05/21 10:04 1.0 U 1.0 0.41 ug/L 03/05/21 10:04 1.0 U 1.0 0.41 ug/L 03/05/21 10:04 1.0 U 10 0.70 ug/L 03/05/21 10:04 1.0 U 1.0 0.67 ug/L 03/05/21 10:04 1.0 U 1.0 0.91 ug/L 03/05/21 10:04 1.0 U 1.0 0.72 ug/L 03/05/21 1	10 U 10 1.1 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10 0.82 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10 0.82 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10 1.3 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 1.0 0.59 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 1.0 0.41 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 1.0 0.41 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10 0.70 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10 0.91 ug/L 03/05/21 10:04 03/06/21 00:32 10 U 10<

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		42 - 127	03/05/21 10:04	03/06/21 00:32	1
Nitrobenzene-d5 (Surr)	91		46 - 137	03/05/21 10:04	03/06/21 00:32	1
Terphenyl-d14 (Surr)	73		39 - 150	03/05/21 10:04	03/06/21 00:32	1

Client Sample ID: HIMW-201

Date Collected: 03/02/21 12:55 Date Received: 03/02/21 17:30

Method: 8260D - Volatile Organic Compounds by GC/MS

	igunio compo								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/05/21 04:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/05/21 04:19	1
Toluene	1.0	U	1.0	0.38	ug/L			03/05/21 04:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 04:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 123			-		03/05/21 04:19	1
4-Bromofluorobenzene	101		76 - 120					03/05/21 04:19	1
Dibromofluoromethane (Surr)	100		77 - 124					03/05/21 04:19	1
Toluene-d8 (Surr)	99		80 - 120					03/05/21 04:19	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-229075-5

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-20I

Date Collected: 03/02/21 12:55 Date Received: 03/02/21 17:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/05/21 10:04	03/06/21 00:53	1
Acenaphthene	10	U	10	1.1	ug/L		03/05/21 10:04	03/06/21 00:53	1
Acenaphthylene	10	U	10	0.82	ug/L		03/05/21 10:04	03/06/21 00:53	1
Anthracene	10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 00:53	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/05/21 10:04	03/06/21 00:53	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/05/21 10:04	03/06/21 00:53	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/05/21 10:04	03/06/21 00:53	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/05/21 10:04	03/06/21 00:53	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/05/21 10:04	03/06/21 00:53	1
Chrysene	10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 00:53	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/05/21 10:04	03/06/21 00:53	1
Fluoranthene	10	U	10	0.84	ug/L		03/05/21 10:04	03/06/21 00:53	1
Fluorene	10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 00:53	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/05/21 10:04	03/06/21 00:53	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/05/21 10:04	03/06/21 00:53	1
Phenanthrene	10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 00:53	1
Pyrene	10	U	10	1.6	ug/L		03/05/21 10:04	03/06/21 00:53	1
Surrogato	%Pecoverv	Qualifier	Limite				Proparod	Analyzod	Dil Eac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73	·	42 - 127	03/05/21 10:04	03/06/21 00:53	1
Nitrobenzene-d5 (Surr)	93		46 - 137	03/05/21 10:04	03/06/21 00:53	1
Terphenyl-d14 (Surr)	77		39 - 150	03/05/21 10:04	03/06/21 00:53	1

Client Sample ID: HIMW-08D Date Collected: 03/02/21 09:40 Date Received: 03/02/21 17:30

Lab Sample ID: 460-229075-6 Matrix: Water

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/05/21 04:45	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/05/21 04:45	1
Toluene	1.0	U	1.0	0.38	ug/L			03/05/21 04:45	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/05/21 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 123					03/05/21 04:45	1

4-Bromofluorobenzene	101	76 - 120	03/05/21 04:45	1
Dibromofluoromethane (Surr)	102	77 - 124	03/05/21 04:45	1
Toluene-d8 (Surr)	102	80 - 120	03/05/21 04:45	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/05/21 10:04	03/06/21 01:14	1
Acenaphthene	10	U	10	1.1	ug/L		03/05/21 10:04	03/06/21 01:14	1
Acenaphthylene	10	U	10	0.82	ug/L		03/05/21 10:04	03/06/21 01:14	1
Anthracene	10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 01:14	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/05/21 10:04	03/06/21 01:14	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/05/21 10:04	03/06/21 01:14	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/05/21 10:04	03/06/21 01:14	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/05/21 10:04	03/06/21 01:14	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/05/21 10:04	03/06/21 01:14	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-229075-5 Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate OMM Hempstead

Client Sample ID: HIMW-08D

Date Collected: 03/02/21 09:40 Date Received: 03/02/21 17:30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 01:14	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/05/21 10:04	03/06/21 01:14	1
Fluoranthene	10	U	10	0.84	ug/L		03/05/21 10:04	03/06/21 01:14	1
Fluorene	10	U	10	0.91	ug/L		03/05/21 10:04	03/06/21 01:14	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/05/21 10:04	03/06/21 01:14	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/05/21 10:04	03/06/21 01:14	1
Phenanthrene	10	U	10	1.3	ug/L		03/05/21 10:04	03/06/21 01:14	1
Pyrene	10	U	10	1.6	ug/L		03/05/21 10:04	03/06/21 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		42 - 127				03/05/21 10:04	03/06/21 01:14	1
Nitrobenzene-d5 (Surr)	62		46 - 137				03/05/21 10:04	03/06/21 01:14	1
Terphenyl-d14 (Surr)	63		39 - 150				03/05/21 10:04	03/06/21 01:14	1

Lab Sample ID: 460-229075-6 Matrix: Water

TestAmerica New York City	Chain	Chain of Custody Record		いいとういいでいう
47-32 32ng Place Suite 1141				
Long Island City, NY 11101-2425 phone 347.507.0579 fax	Regulatory Program: Dw CI NPES	S 🗆 RCRA 🗆 Other	259070	TestAmerica Laboratories, Inc.
Client Contact	ris	Site Contact:	Date: 5 2 2 1	COC No:
GEI Consultants Inc. P.C.	Tel/Fax: (631) 769-2967	Lab Contact: Melissa Haas	Carrier: Testi America	of 1 COC8
1000 New York Ave	Analysis Turnaround Time	G		
Huntington Station, NY 11746	CALENDAR DAYS CJ WORKING DAYS			Defor Lab Use Only:
(631) 760 - 9300 Phone	TAT if different from Below standard			Walk-in Client:
(631) 760 - 9301 FAX		11		Lab Sampling:
Project Name: National Grid GW Monitoring	1 week) (
Site: Downstate Hempstead Former MGP Site	C days	ISW		Job / SDG No.:
P O # 1905774.15.3	1 day	00 / SI		
Sample Identification	Sample Sample Type ≉of Date Time c=remp, Matrix Cont.	S bereads M myohes bezs X3T6 em-S+HA9		Sample Specific Notes
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HIMM - 72		XX		
HIMM- 24	030			m
HIMW - 7.05		XX		7
TOC - MUITI B	2 1 22	XX		
N. W. I				
8				9
T 61				
16				
			460-229075 Chain of Custody	
Preservation Used: 1 ≠ ice, 2 = HCI; 3 = H2SO4; 4=HNO3;	3; 5≖NaOH; 6≖ Other			
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Ple: Comments Section if the lab is to dispose of the sample.	Please List any EPA Waste Codes for the sample in the	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month the	os assessed if samples are ro	tained longer than 1 month)
🖂 Non-Hazard 🔅 🖸 Flammable 🔄 🖾 Skin Britiant	🛄 Paison B 🔄 🛄 Unknown	Return to Client	Disposal by Lati Tative for	for Months
ents &	CAT B REPORT	r		
Custody Seats Interd: 7 Yes D No		Cooler-Fergp. (°C): Obs'd		Therm (D No.:
Relinquished by:	Company: GEI Consultants Inc. Date/Time: P.C	Received by	Company	Date Time: 2
Relinquished by:	Company: Date/Time:	Received by:	Company	222 Frine; 1600
Reinquished by:	Company: Date/Time:	Received in abo	Company:	212/11/me: 1734
72.2			Form No.	Form No. CA-C-WI-002, Rev. 4,11, dated 1/24/2017
	2			



Site:	Downstate OMM Hempstead
Laboratory:	Eurofins Test America, Edison, NJ
Report Number:	460-229194
Reviewer:	Elissa McDonagh/GEI Consultants
Date:	March 12, 2021

Samples Reviewed and Evaluation Summary

LAB ID	FRACTIONS VALIDATED
460-229194-1 460-229194-2	BTEX BTEX, PAH
460-229194-3	BTEX, PAH
460-229194-4	BTEX, PAH
460-229194-5	BTEX, PAH
460-229194-6	BTEX, PAH
460-229194-7	BTEX, PAH
460-229194-8	BTEX, PAH
460-229194-9	BTEX, PAH
460-229194-10	BTEX, PAH
460-229194-11	BTEX, PAH
460-229194-12	BTEX, PAH
460-229194-13	BTEX, PAH
460-229194-14	BTEX, PAH
	460-229194-1 460-229194-2 460-229194-3 460-229194-4 460-229194-5 460-229194-6 460-229194-7 460-229194-7 460-229194-8 460-229194-9 460-229194-10 460-229194-11 460-229194-12 460-229194-13

Associated QC Samples:

Trip Blank:	TB030321
Field Blank:	FB030321
Field Duplicate pair:	None associated

The above-listed aqueous samples, field blank, and trip blank sample were collected on March 3, 2021 and were analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260D and polynuclear aromatic hydrocarbon (PAH) semivolatile organic compounds (SVOCs) by SW-846 method 8270E.

The data validation was performed based on the Standard Operating Procedure (SOP) HW-33 (Revision 3) *Low/Medium Volatile Data Validation* (March 2013) and SOP HW-35 (Revision 2) *Semivolatile Data Validation* (March 2013) as well as by the methods referenced by the data package and professional and technical judgment.

The data were evaluated based on the following parameters:

- Data Completeness
- Holding Times and Sample Preservation
- Initial and Continuing Calibrations
- Blanks
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results

Site: Downstate OMM Hempstead Report Number: 460-229194-1 Date: March 12, 2021

- Internal Standard Results
- Laboratory Control Sample (LCS) Results
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Compound Identification

All results appear usable as reported or usable with minor qualification due to calibration nonconformances and uncertainty for levels below the reporting limit. These results were considered valid; even though some were qualified as discussed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as received by the laboratory.

Holding Times and Sample Preservation

All hold time and sample preservation criteria were met.

Initial and Continuing Calibrations

All initial and continuing calibration criteria were met except where noted below.

Instrument/ Calibration Standard	Compound	Calibration Exceedance	Validation Qualifier		
		SVOC			
CBNAMS17	Indeno(123cd)pyrene	24.4 %R	Estimate (UJ) the nondetect results for		
CCVIS 460- 763208/2	Dibenz(ah)anthracene	22.8 %R	indeno(123cd)pyrene, dibenz(ah)anthracene and		
03/08/2021 16:21	Benzo[g,h,i]perylene	22.1 %R	benzo[g,h,i]perylene in the associated samples.		
Associated samples:	HIMW-05I				

Initial calibration (ICAL) relative standard deviation (%RSD) > 20% for VOC and SVOC; estimate (J) positive and blank-qualified (UJ) results only.

Continuing calibration (CCAL) percent difference (%D) > 20% for VOC and SVOC; estimate (J/UJ) positive and nondetect results.

Response factor (RF) < 0.05; Estimate (J) positive results and reject (R) nondetect results.

<u>Blanks</u>

Contamination was not detected in the associated method blank samples. Contamination was not detected in the trip blank and field blank samples.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

Batch (non-project) MS/MSDs were reported for SVOC analysis. Results from these analyses were not used to qualify project samples due to differences in sample type, matrix, etc.

MS/MSDs were not submitted for VOC analysis. No action was taken.

Internal Standard Results

All internal standard criteria were met.

LCS Results

All LCS and LCS duplicate (LCSD) recovery and precision criteria were met.

Field Duplicate Results

Field duplicate samples were not submitted with the sample set.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL). These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Compound Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

- U The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.
- J Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.
- UJ The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.
- NJ The analysis indicates the presence of a compound that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.
- R Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Client Sample ID: TB030321 Date Collected: 03/03/21 00:00 Date Received: 03/03/21 18:00

Method: 8260D - Volatile Or	ganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 11:30	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 11:30	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 11:30	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123					03/06/21 11:30	1
4-Bromofluorobenzene	103		76 - 120					03/06/21 11:30	1
Dibromofluoromethane (Surr)	103		77 - 124					03/06/21 11:30	1
Toluene-d8 (Surr)	99		80 - 120					03/06/21 11:30	1

Client Sample ID: HIMW-05D

Date Collected: 03/03/21 06:15

Date Received: 03/03/21 18:00

Method: 8260D - Volat	tile Organic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 04:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 04:01	1
Toluene	6.2		1.0	0.38	ug/L			03/06/21 04:01	1
Xylenes, Total	110		2.0	0.65	ug/L			03/06/21 04:01	1
Surrogate	%Recovery	Qualifier	l imits				Prenared	Analyzed	Dil Fac

Surrogale	%Recovery	Quaimer	Linnis		Prepared	Analyzed	Diirac	
1,2-Dichloroethane-d4 (Surr)	98		75 - 123	-		03/06/21 04:01	1	
4-Bromofluorobenzene	98		76 - 120			03/06/21 04:01	1	
Dibromofluoromethane (Surr)	105		77 - 124			03/06/21 04:01	1	
Toluene-d8 (Surr)	100		80 - 120			03/06/21 04:01	1	

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	150		100	5.3	ug/L		03/07/21 07:55	03/09/21 09:14	10
Acenaphthene	100	U	100	11	ug/L		03/07/21 07:55	03/09/21 09:14	10
Acenaphthylene	50	J	100	8.2	ug/L		03/07/21 07:55	03/09/21 09:14	10
Anthracene	100	U	100	13	ug/L		03/07/21 07:55	03/09/21 09:14	10
Benzo[a]anthracene	10	U	10	5.9	ug/L		03/07/21 07:55	03/09/21 09:14	10
Benzo[a]pyrene	10	U	10	4.1	ug/L		03/07/21 07:55	03/09/21 09:14	10
Benzo[b]fluoranthene	20	U	20	6.8	ug/L		03/07/21 07:55	03/09/21 09:14	10
Benzo[g,h,i]perylene	100	U	100	7.0	ug/L		03/07/21 07:55	03/09/21 09:14	10
Benzo[k]fluoranthene	10	U	10	6.7	ug/L		03/07/21 07:55	03/09/21 09:14	10
Chrysene	100	U	100	9.1	ug/L		03/07/21 07:55	03/09/21 09:14	10
Dibenz(a,h)anthracene	10	U	10	7.2	ug/L		03/07/21 07:55	03/09/21 09:14	10
Fluoranthene	100	U	100	8.4	ug/L		03/07/21 07:55	03/09/21 09:14	10
Fluorene	100	U	100	9.1	ug/L		03/07/21 07:55	03/09/21 09:14	10
Indeno[1,2,3-cd]pyrene	20	U	20	9.4	ug/L		03/07/21 07:55	03/09/21 09:14	10
Naphthalene	1200		20	5.4	ug/L		03/07/21 07:55	03/09/21 09:14	10
Phenanthrene	100	U	100	13	ug/L		03/07/21 07:55	03/09/21 09:14	10
Pyrene	100	U	100	16	ug/L		03/07/21 07:55	03/09/21 09:14	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	110		42 - 127				03/07/21 07:55	03/09/21 09:14	10
Nitrobenzene-d5 (Surr)	112		46 - 137				03/07/21 07:55	03/09/21 09:14	10

emm 3/12/21

Eurofins TestAmerica, Edison

03/11/2021

Job ID: 460-229194-1

Matrix: Water

Matrix: Water

Lab Sample ID: 460-229194-2

Lab Sample ID: 460-229194-1

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

ate Collected: 03/03/21 06: ate Received: 03/03/21 18:0						La	b Sample	ID: 460-229 Matrix	
Method: 8270E - Semivolat	ile Organic Co	mpounds	(GC/MS) (Co	ntinued)				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Terphenyl-d14 (Surr)	126		39 - 150				· · · · · · · · · · · · · · · · · · ·	03/09/21 09:14	1
client Sample ID: HIMW ate Collected: 03/03/21 07: ate Received: 03/03/21 18:0	00					La	ib Sample	ID: 460-229 Matrix	
Method: 8260D - Volatile Or			C/MS						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
Benzene	1.0		1.0	0.20	-			03/06/21 04:27	
Ethylbenzene	0.65		1.0		ug/L			03/06/21 04:27	
Toluene	0.53	J	1.0		ug/L			03/06/21 04:27	
Xylenes, Total	42		2.0	0.65	ug/L			03/06/21 04:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
1,2-Dichloroethane-d4 (Surr)	97		75 - 123					03/06/21 04:27	
4-Bromofluorobenzene	100		76 - 120					03/06/21 04:27	
Dibromofluoromethane (Surr)	104		77 - 124					03/06/21 04:27	
Toluene-d8 (Surr)	100		80 - 120					03/06/21 04:27	
Method: 8270E - Semivolat Analyte 2-Methylnaphthalene		Qualifier	RL 50	MDL 2.6	Unit ug/L	<u>D</u>	Prepared 03/07/21 07:55	Analyzed	Dil F
Acenaphthene	9.9	J	50		ug/L		02/07/24 07.55		
			00	5.4	ug/L		03/07/21 07.55	03/08/21 22:05	
Acenaphthylene	140		50	5.4 4.1	ug/L			03/08/21 22:05 03/08/21 22:05	
	140 50	U			-		03/07/21 07:55		
Anthracene			50	4.1	ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05	
Anthracene Benzo[a]anthracene	50	U	50 50	4.1 6.5	ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene	50 5.0	U U	50 50 5.0	4.1 6.5 3.0	ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene	50 5.0 5.0	U U U	50 50 5.0 5.0	4.1 6.5 3.0 2.0	ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene	50 5.0 5.0 10	U U U U UJ	50 50 5.0 5.0 10	4.1 6.5 3.0 2.0 3.4 3.5	ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene	50 5.0 5.0 10 50	U U U U U U	50 50 5.0 5.0 10 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4	ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene	50 5.0 5.0 10 50 5.0 50	U U U U U U	50 50 5.0 5.0 10 50 5.0	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5	ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene	50 5.0 5.0 10 50 5.0 50	U U U U U U U U U U U	50 50 5.0 5.0 10 50 5.0 5.0	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6	ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene	50 5.0 50 10 50 5.0 50 5.0	U U U U U U U U U U U U U U U	50 50 5.0 10 50 5.0 5.0 50 5.0	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene	50 5.0 50 50 50 50 50 50 50 24	U U U U U U U U U U U U U U U	50 50 5.0 10 50 5.0 50 5.0 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene	50 5.0 5.0 50 50 50 50 50 50 24 10 780	Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ Λ	50 50 5.0 5.0 50 5.0 50 50 50 50 10 10	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene ndeno[1,2,3-cd]pyrene Naphthalene	50 5.0 5.0 10 50 5.0 50 50 24 10 780 17	1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 50 5.0 5.0 50 5.0 50 50 50 10 10 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene ndeno[1,2,3-cd]pyrene Naphthalene Phenanthrene	50 5.0 5.0 50 50 50 50 50 50 24 10 780	1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 50 5.0 5.0 10 50 5.0 50 50 50 10 10	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Surrogate	50 5.0 50 50 50 50 50 50 24 10 780 17 50	1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 50 5.0 10 50 5.0 50 50 50 10 10 50 50 50 50 50 50 50 50 50 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	_Dil F
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Surrogate 2-Fluorobiphenyl	50 5.0 5.0 10 50 5.0 50 50 24 10 780 17 50 <i>%Recovery</i> 110	1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 50 5.0 5.0 50 5.0 50 50 50 10 10 50 50 50 50 50 50 50 50 50 50 50 50 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	<u>Dill F</u>
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Surrogate 2-Fluorobiphenyl Nitrobenzene-d5 (Surr)	50 5.0 5.0 10 50 50 50 50 24 10 780 17 50 <i>%Recovery</i> 110 115	1 1 1 1 1 1 1 1 1 1 1 1 1 1	$50 \\ 50 \\ 5.0 \\ 5.0 \\ 10 \\ 50 \\ 5.0 \\ 50 \\ 50 \\ 50 \\ 10 \\ 10 \\ 50 \\ 50 \\ \underline{Limits} \\ 42 - 127 \\ 46 - 137 \\ \end{bmatrix}$	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	Dil F
Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluoranthene Fluoranthene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Surrogate 2-Fluorobiphenyl Nitrobenzene-d5 (Surr)	50 5.0 5.0 10 50 5.0 50 50 24 10 780 17 50 <i>%Recovery</i> 110	1 1 1 1 1 1 1 1 1 1 1 1 1 1	50 50 5.0 5.0 50 5.0 50 50 50 10 10 50 50 50 50 50 50 50 50 50 50 50 50 50	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	Dil F
Acenaphthylene Anthracene Benzo[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene Chrysene Dibenz(a,h)anthracene Fluorene Indeno[1,2,3-cd]pyrene Naphthalene Phenanthrene Pyrene Surrogate 2-Fluorobiphenyl Nitrobenzene-d5 (Surr) Terphenyl-d14 (Surr) Client Sample ID: HIMW	50 5.0 5.0 10 50 50 50 24 10 780 17 50 <i>%Recovery</i> 110 115 121	1 1 1 1 1 1 1 1 1 1 1 1 1 1	$50 \\ 50 \\ 5.0 \\ 5.0 \\ 10 \\ 50 \\ 5.0 \\ 50 \\ 50 \\ 50 \\ 10 \\ 10 \\ 50 \\ 50 \\ \underline{Limits} \\ 42 - 127 \\ 46 - 137 \\ \end{bmatrix}$	4.1 6.5 3.0 2.0 3.4 3.5 3.4 4.5 3.6 4.2 4.6 4.7 2.7 6.4	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	La	03/07/21 07:55 03/07/21 07:55	03/08/21 22:05 03/08/21 22:05	<u>Dil</u> F

Method: 8260D - Volatile Organ	nic Compo	unds by GC/	MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 04:53	1

Eurofins TestAmerica, Edison

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Client Sample ID: HIMW-26D Date Collected: 03/03/21 08:00 Date Received: 03/03/21 18:00

Job ID: 460-229194-1

Lab Sample ID: 460-229194-4 Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 04:53	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 04:53	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123					03/06/21 04:53	1
4-Bromofluorobenzene	104		76 - 120					03/06/21 04:53	1
Dibromofluoromethane (Surr)	102		77 - 124					03/06/21 04:53	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 20:33	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 20:33	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 20:33	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 20:33	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 20:33	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 20:33	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 20:33	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 20:33	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 20:33	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 20:33	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 20:33	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 20:33	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 20:33	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 20:33	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 20:33	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 20:33	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		42 - 127	03/07/21 07:55	03/07/21 20:33	1
Nitrobenzene-d5 (Surr)	83		46 - 137	03/07/21 07:55	03/07/21 20:33	1
Terphenyl-d14 (Surr)	102		39 - 150	03/07/21 07:55	03/07/21 20:33	1

Client Sample ID: HIMW-05S

Date Collected: 03/03/21 07:40 Date Received: 03/03/21 18:00

Method: 8260D - Vola	atile Organic	Compounds h	GC/MS
$\mathbf{W} \in \mathbf{U} \cup \mathbf{U}$		Compounds b	

	iganio compo								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 05:18	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 05:18	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 05:18	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 123			-		03/06/21 05:18	1
4-Bromofluorobenzene	105		76 - 120					03/06/21 05:18	1
Dibromofluoromethane (Surr)	106		77 - 124					03/06/21 05:18	1
Toluene-d8 (Surr)	101		80 - 120					03/06/21 05:18	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-229194-5

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Client Sample ID: HIMW-05S

Date Collected: 03/03/21 07:40 Date Received: 03/03/21 18:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) **Result Qualifier** D Analyte RL MDL Unit Prepared Analyzed Dil Fac 10 U 10 2-Methylnaphthalene 0.53 ug/L 03/07/21 07:55 03/07/21 20:54 1 10 U 10 Acenaphthene 1.1 ug/L 03/07/21 07:55 03/07/21 20:54 1 Acenaphthylene 10 U 10 03/07/21 07:55 03/07/21 20:54 1 0.82 ug/L Anthracene 10 U 10 1.3 ug/L 03/07/21 07:55 03/07/21 20:54 1 Benzo[a]anthracene 1.0 U 1.0 0.59 ug/L 03/07/21 07:55 03/07/21 20:54 1 1.0 U 1.0 0.41 ug/L 03/07/21 07:55 03/07/21 20:54 1 Benzo[a]pyrene 2.0 U 2.0 Benzo[b]fluoranthene 0.68 ug/L 03/07/21 07:55 03/07/21 20:54 1 0.70 ug/L Benzo[g,h,i]perylene 10 U 10 03/07/21 07:55 03/07/21 20:54 1 Benzo[k]fluoranthene 1.0 0.67 ug/L 03/07/21 07:55 03/07/21 20:54 1.0 U 1 Chrysene 10 U 10 0.91 ug/L 03/07/21 07:55 03/07/21 20:54 1 03/07/21 07:55 03/07/21 20:54 Dibenz(a,h)anthracene 1.0 U 1.0 0.72 ug/L 1 Fluoranthene 10 U 10 0.84 ug/L 03/07/21 07:55 03/07/21 20:54 1 Fluorene 10 U 10 0.91 ug/L 03/07/21 07:55 03/07/21 20:54 1 Indeno[1,2,3-cd]pyrene 2.0 U 2.0 0.94 ug/L 03/07/21 07:55 03/07/21 20:54 1 **Naphthalene** 0.83 J 2.0 0.54 ug/L 03/07/21 07:55 03/07/21 20:54 1 Phenanthrene 10 U 10 1.3 ug/L 03/07/21 07:55 03/07/21 20:54 1 Pyrene 10 U 10 03/07/21 07:55 03/07/21 20:54 1.6 ug/L 1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93	42 - 127	03/07/21 07:55	03/07/21 20:54	1
Nitrobenzene-d5 (Surr)	101	46 - 137	03/07/21 07:55	03/07/21 20:54	1
Terphenyl-d14 (Surr)	109	39 - 150	03/07/21 07:55	03/07/21 20:54	1

Client Sample ID: HIMW-26I Date Collected: 03/03/21 06:35 Date Received: 03/03/21 18:00

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 05:44	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 05:44	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 05:44	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123					03/06/21 05:44	1

4-Bromofluorobenzene	104	76 - 120	03/06/21 05:44	1
Dibromofluoromethane (S	Surr) 102	77 - 124	03/06/21 05:44	1
Toluene-d8 (Surr)	99	80 - 120	03/06/21 05:44	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 21:15	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 21:15	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 21:15	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:15	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 21:15	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 21:15	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 21:15	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 21:15	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 21:15	1

Eurofins TestAmerica, Edison

Job ID: 460-229194-1

Lab Sample ID: 460-229194-5 Matrix: Water

Prepared	Analyzed	Dil Fac
07/21 07:55	03/07/21 20:54	1
07/21 07:55	03/07/21 20:54	1
07/21 07:55	03/07/21 20:54	1

Matrix: Water

Lab Sample ID: 460-229194-6

94

104

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:15	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 21:15	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 21:15	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:15	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 21:15	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 21:15	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:15	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 21:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		42 - 127				03/07/21 07:55	03/07/21 21:15	1

46 - 137

39 - 150

03/07/21 07:55 03/07/21 21:15 1 03/07/21 07:55 03/07/21 21:15 1

Client Sample ID: HIMW-12S

Date Collected: 03/03/21 10:00 Date Received: 03/03/21 18:00

Nitrobenzene-d5 (Surr)

Terphenyl-d14 (Surr)

Lab Sample ID: 460-229194-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 06:09	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 06:09	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 06:09	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123					03/06/21 06:09	1
4-Bromofluorobenzene	102		76 - 120					03/06/21 06:09	1
Dibromofluoromethane (Surr)	102		77 - 124					03/06/21 06:09	1
Toluene-d8 (Surr)	99		80 - 120					03/06/21 06:09	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 21:36	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 21:36	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 21:36	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:36	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 21:36	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 21:36	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 21:36	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 21:36	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 21:36	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:36	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 21:36	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 21:36	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:36	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 21:36	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 21:36	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:36	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 21:36	1

Eurofins TestAmerica, Edison

Matrix: Water

Lab Sample ID: 460-229194-6

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Client Sample ID: HIMW-12S Date Collected: 03/03/21 10:00 Date Received: 03/03/21 18:00

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	92		42 - 127
Nitrobenzene-d5 (Surr)	98		46 - 137
Terphenyl-d14 (Surr)	107		39 - 150

Client Sample ID: HIMW-12IR Date Collected: 03/03/21 10:45 Date Received: 03/03/21 18:00

Toluene-d8 (Surr)

Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 06:35	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 06:35	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 06:35	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 06:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123					03/06/21 06:35	1
4-Bromofluorobenzene	104		76 - 120					03/06/21 06:35	1
Dibromofluoromethane (Surr)	103		77 - 124					03/06/21 06:35	1

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

100

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:57	1
1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 21:57	1
1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 21:57	1
2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 21:57	1
1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:57	1
1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 21:57	1
2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 21:57	1
2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 21:57	1
10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 21:57	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
81		42 - 127				03/07/21 07:55	03/07/21 21:57	1
86		46 - 137				03/07/21 07:55	03/07/21 21:57	1
100		39 - 150				03/07/21 07:55	03/07/21 21:57	1
	10 10 10 10 10 1.0 2.0 10 10 10 2.0 2.0 2.0 10 10 2.0 2.0 81 81 86	10 U 10 U 10 U 10 U 10 U 1.0 U 2.0 U 10 U 10 U 10 U 10 U 10 U 10 U 10 U 10 U 2.0 U 2.0 U 2.0 U 2.0 U 10 U	10 10 10 10 U 10 1.0 U 1.0 2.0 U 2.0 10 U 10 1.0 U 10 2.0 U 2.0 2.0 U 2.0 1.0 U 10 10 U 10 10 U 10 10 U 10 </td <td>10 U 10 0.53 10 U 10 1.1 10 U 10 0.82 10 U 10 1.3 1.0 U 10 1.3 1.0 U 1.0 0.59 1.0 U 1.0 0.41 2.0 U 2.0 0.68 10 U 10 0.70 1.0 U 10 0.70 1.0 U 10 0.67 10 U 10 0.91 1.0 U 10 0.91 1.0 U 10 0.84 10 U 10 0.91 2.0 U 2.0 0.94 2.0 U 2.0 0.54 10 U 10 1.3 10 U 10 1.6 %Recovery Qualifier Limits 86</td> <td>10 U 10 0.53 ug/L 10 U 10 1.1 ug/L 10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.82 ug/L 10 U 10 1.3 ug/L 10 U 1.0 0.59 ug/L 1.0 U 1.0 0.59 ug/L 1.0 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 10 0.70 ug/L 10 U 10 0.67 ug/L 10 U 10 0.91 ug/L 10 U 10 0.72 ug/L 10 U 10 0.84 ug/L 2.0 U 2.0 0.94 ug/L 2.0 U 2.0 0.5</td> <td>10 U 10 0.53 ug/L 10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.82 ug/L 10 U 10 1.3 ug/L 10 U 10 0.59 ug/L 1.0 U 1.0 0.59 ug/L 1.0 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 10 0.70 ug/L 10 U 10 0.91 ug/L 10 U 10 0.91 ug/L 10 U 10 0.91 ug/L 2.0 U 2.0 0.94 ug/L 2.0 U 2.0 0.54 ug/L 10 U 10 1.6 ug/L 10 U 10 1.6<</td> <td>$\begin{array}{c ccccccccccccccccccccccccccccccccccc$</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td>	10 U 10 0.53 10 U 10 1.1 10 U 10 0.82 10 U 10 1.3 1.0 U 10 1.3 1.0 U 1.0 0.59 1.0 U 1.0 0.41 2.0 U 2.0 0.68 10 U 10 0.70 1.0 U 10 0.70 1.0 U 10 0.67 10 U 10 0.91 1.0 U 10 0.91 1.0 U 10 0.84 10 U 10 0.91 2.0 U 2.0 0.94 2.0 U 2.0 0.54 10 U 10 1.3 10 U 10 1.6 %Recovery Qualifier Limits 86	10 U 10 0.53 ug/L 10 U 10 1.1 ug/L 10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.82 ug/L 10 U 10 1.3 ug/L 10 U 1.0 0.59 ug/L 1.0 U 1.0 0.59 ug/L 1.0 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 10 0.70 ug/L 10 U 10 0.67 ug/L 10 U 10 0.91 ug/L 10 U 10 0.72 ug/L 10 U 10 0.84 ug/L 2.0 U 2.0 0.94 ug/L 2.0 U 2.0 0.5	10 U 10 0.53 ug/L 10 U 10 1.1 ug/L 10 U 10 0.82 ug/L 10 U 10 0.82 ug/L 10 U 10 1.3 ug/L 10 U 10 0.59 ug/L 1.0 U 1.0 0.59 ug/L 1.0 U 1.0 0.41 ug/L 2.0 U 2.0 0.68 ug/L 10 U 10 0.70 ug/L 10 U 10 0.91 ug/L 10 U 10 0.91 ug/L 10 U 10 0.91 ug/L 2.0 U 2.0 0.94 ug/L 2.0 U 2.0 0.54 ug/L 10 U 10 1.6 ug/L 10 U 10 1.6<	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Job ID: 460-229194-1

Lab Sample ID: 460-229194-7 Matrix: Water

Prepared Dil Fac Analyzed 03/07/21 07:55 03/07/21 21:36 1 03/07/21 07:55 03/07/21 21:36 1 03/07/21 07:55 03/07/21 21:36 1

03/06/21 06:35

Lab Sample ID: 460-229194-8 Matrix: Water

57	7				1	
_						

1

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Job ID: 460-229194-1

Matrix: Water

1

1

Lab Sample ID: 460-229194-9

03/06/21 07:00

03/06/21 07:00

Client Sample ID: HIMW-23 Date Collected: 03/03/21 12:00 Date Received: 03/03/21 18:00

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene 1.0 U 1.0 0.20 ug/L 03/06/21 07:00 1 Ethylbenzene 1.0 U 0.30 ug/L 1.0 03/06/21 07:00 1 Toluene 1.0 U 1.0 0.38 ug/L 03/06/21 07:00 1 Xylenes, Total 2.0 U 2.0 0.65 ug/L 03/06/21 07:00 1 %Recovery Qualifier Surrogate Limits Prepared Dil Fac Analyzed 1,2-Dichloroethane-d4 (Surr) 96 75 - 123 03/06/21 07:00 1 4-Bromofluorobenzene 103 76 - 120 03/06/21 07:00 1

77 - 124

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

103

100

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 22:18	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 22:18	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 22:18	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 22:18	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 22:18	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 22:18	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 22:18	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 22:18	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 22:18	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 22:18	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 22:18	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 22:18	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 22:18	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 22:18	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 22:18	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 22:18	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		42 - 127	03/07/21 07:55	03/07/21 22:18	1
Nitrobenzene-d5 (Surr)	96		46 - 137	03/07/21 07:55	03/07/21 22:18	1
Terphenyl-d14 (Surr)	105		39 - 150	03/07/21 07:55	03/07/21 22:18	1

Client Sample ID: HIMW-22 Date Collected: 03/03/21 13:05

Date Received: 03/03/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS										
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
1.0	U	1.0	0.20	ug/L			03/06/21 07:26	1		
1.0	U	1.0	0.30	ug/L			03/06/21 07:26	1		
1.0	U	1.0	0.38	ug/L			03/06/21 07:26	1		
2.0	U	2.0	0.65	ug/L			03/06/21 07:26	1		
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
95		75 - 123					03/06/21 07:26	1		
102		76 - 120					03/06/21 07:26	1		
101		77 - 124					03/06/21 07:26	1		
	Result 1.0 1.0 1.0 2.0 %Recovery 95 102	Result Qualifier 1.0 U 1.0 U 1.0 U 1.0 U 2.0 U %Recovery Qualifier 95 102	Result Qualifier RL 1.0 U 1.0 2.0 U 2.0 %Recovery Qualifier Limits 95 75-123 102 76-120	Result Qualifier RL MDL 1.0 U 1.0 0.20 1.0 U 1.0 0.20 1.0 U 1.0 0.30 1.0 U 1.0 0.38 2.0 U 2.0 0.65 %Recovery Qualifier Limits 95 75 - 123 76 - 120	Result Qualifier RL MDL Unit 1.0 U 1.0 0.20 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.30 ug/L 1.0 U 1.0 0.38 ug/L 2.0 U 2.0 0.65 ug/L %Recovery Qualifier Limits 75 - 123 102 76 - 120	Result Qualifier RL MDL Unit D 1.0 U 1.0 0.20 ug/L D 1.0 U 1.0 0.30 ug/L D 1.0 U 1.0 0.30 ug/L D 1.0 U 1.0 0.38 ug/L D 2.0 U 2.0 0.65 ug/L D %Recovery Qualifier Limits 75 - 123 D 76 - 120 D	Result Qualifier RL MDL Unit D Prepared 1.0 U 1.0 0.20 ug/L D Prepared 1.0 U 1.0 0.30 ug/L D Prepared 1.0 U 1.0 0.30 ug/L D Prepared 2.0 U 2.0 0.65 ug/L Prepared Prepared %Recovery Qualifier Limits Prepared Prepared Prepared 95 75 - 123 76 - 120 Prepared Prepared Prepared	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		

Eurofins TestAmerica, Edison

Lab Sample ID: 460-229194-10

Matrix: Water

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Client Sample ID: HIMW-22 Date Collected: 03/03/21 13:05 Date Received: 03/03/21 18:00

Lab Sample ID: 460-229194-10 Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		80 - 120					03/06/21 07:26	1
Method: 8270E - Semivo	latile Organic Co	mpounds	(GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 22:39	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 22:39	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 22:39	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 22:39	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 22:39	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 22:39	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 22:39	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 22:39	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 22:39	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 22:39	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 22:39	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 22:39	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 22:39	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 22:39	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 22:39	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 22:39	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		42 - 127				03/07/21 07:55	03/07/21 22:39	1
Nitrobenzene-d5 (Surr)	95		46 - 137				03/07/21 07:55	03/07/21 22:39	1
Terphenyl-d14 (Surr)	107		39 - 150				03/07/21 07:55	03/07/21 22:39	1

Client Sample ID: FB030321 Date Collected: 03/03/21 13:15 Date Received: 03/03/21 18:00

Method: 8260D - Volatile Organic Compounds by GC/MS								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20 ug/L			03/06/21 11:56	1
Ethylbenzene	1.0	U	1.0	0.30 ug/L			03/06/21 11:56	1
Toluene	1.0	U	1.0	0.38 ug/L			03/06/21 11:56	1
Xylenes, Total	2.0	U	2.0	0.65 ug/L			03/06/21 11:56	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94	75 - 123		03/06/21 11:56	1
4-Bromofluorobenzene	104	76 - 120		03/06/21 11:56	1
Dibromofluoromethane (Surr)	102	77 - 124		03/06/21 11:56	1
Toluene-d8 (Surr)	100	80 - 120		03/06/21 11:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 23:00	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 23:00	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 23:00	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:00	1

Eurofins TestAmerica, Edison

Matrix: Water

Client Sample ID: FB030321

Date Collected: 03/03/21 13:15 Date Received: 03/03/21 18:00

Method: 8270E -	Semivolatile Organic Compounds ((GC/MS) (Continued	d)
A secole sta	Describe OpenHillion		11

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 23:00	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 23:00	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 23:00	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 23:00	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 23:00	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:00	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 23:00	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 23:00	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:00	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 23:00	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 23:00	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:00	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		42 - 127				03/07/21 07:55	03/07/21 23:00	1
Nitrobenzene-d5 (Surr)	81		46 - 137				03/07/21 07:55	03/07/21 23:00	1
Terphenyl-d14 (Surr)	95		39 - 150				03/07/21 07:55	03/07/21 23:00	1

Client Sample ID: HIMW-13S Date Collected: 03/03/21 12:50 Date Received: 03/03/21 18:00

Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene 1.0 U 1.0 0.20 ug/L 03/06/21 07:51 1 Ethylbenzene 1.0 U 1.0 0.30 ug/L 03/06/21 07:51 1 Toluene 1.0 U 1.0 0.38 ug/L 03/06/21 07:51 1 2.0 U 2.0 0.65 ug/L 03/06/21 07:51 Xylenes, Total 1 Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 95 75 - 123 03/06/21 07:51 1,2-Dichloroethane-d4 (Surr) 1 104 03/06/21 07:51 4-Bromofluorobenzene 76 - 120 1 Dibromofluoromethane (Surr) 103 77 - 124 03/06/21 07:51 1

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

100

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 23:21	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 23:21	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 23:21	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:21	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 23:21	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 23:21	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 23:21	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 23:21	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 23:21	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:21	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 23:21	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 23:21	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:21	1

Eurofins TestAmerica, Edison

03/06/21 07:51

03/11/2021

Job ID: 460-229194-1

Lab Sample ID: 460-229194-11 Matrix: Water

Lab Sample ID: 460-229194-12

Matrix: Water

Client Sample Results

Matrix: Water

Client Sample ID: HIMW-13S Date Collected: 03/03/21 12:50 Date Received: 03/03/21 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 23:21	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 23:21	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:21	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	102		42 - 127				03/07/21 07:55	03/07/21 23:21	1
Nitrobenzene-d5 (Surr)	110		46 - 137				03/07/21 07:55	03/07/21 23:21	1
Terphenyl-d14 (Surr)	115		39 - 150				03/07/21 07:55	03/07/21 23:21	1

Client Sample ID: HIMW-13I

Date Collected: 03/03/21 12:20

Date Received: 03/03/21 18:00

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			03/06/21 17:31	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			03/06/21 17:31	1
Toluene	1.0	U	1.0	0.38	ug/L			03/06/21 17:31	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			03/06/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123					03/06/21 17:31	1
4-Bromofluorobenzene	104		76 - 120					03/06/21 17:31	1

77 - 124

80 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

102

99

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/07/21 23:42	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/07/21 23:42	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/07/21 23:42	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:42	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/07/21 23:42	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/07/21 23:42	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/07/21 23:42	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/07/21 23:42	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/07/21 23:42	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:42	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/07/21 23:42	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/07/21 23:42	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/07/21 23:42	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/07/21 23:42	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/07/21 23:42	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/07/21 23:42	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/07/21 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		42 - 127	03/07/21 07:55 03	3/07/21 23:42	1
Nitrobenzene-d5 (Surr)	100		46 - 137	03/07/21 07:55 03	3/07/21 23:42	1
Terphenyl-d14 (Surr)	104		39 - 150	03/07/21 07:55 03	3/07/21 23:42	1

Eurofins TestAmerica, Edison

Lab Sample ID: 460-229194-13

03/06/21 17:31

03/06/21 17:31

Lab Sample ID: 460-229194-12

Matrix: Water

1

Client Sample Results

Client: GEI Consultants, Inc. Project/Site: National Grid - Downstate Hempstead

Matrix: Water

Lab Sample ID: 460-229194-14

Client Sample ID: HIMW-13D Date Collected: 03/03/21 10:55 Date Received: 03/03/21 18:00

Analyte

Benzene

Toluene

Ethylbenzene

Method: 8260D - Volatile Organic Compounds by GC/MS Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 0.56 J 1.0 0.20 ug/L 03/06/21 17:56 1 1.0 U 1.0 0.30 ug/L 03/06/21 17:56 1 1.0 U 1.0 0.38 ug/L 03/06/21 17:56 1 Xylenes, Total 2.0 U 2.0 0.65 ug/L 03/06/21 17:56 1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95	75 - 123		03/06/21 17:56	1
4-Bromofluorobenzene	104	76 - 120		03/06/21 17:56	1
Dibromofluoromethane (Surr)	102	77 - 124		03/06/21 17:56	1
Toluene-d8 (Surr)	100	80 - 120		03/06/21 17:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	10	U	10	0.53	ug/L		03/07/21 07:55	03/08/21 00:03	1
Acenaphthene	10	U	10	1.1	ug/L		03/07/21 07:55	03/08/21 00:03	1
Acenaphthylene	10	U	10	0.82	ug/L		03/07/21 07:55	03/08/21 00:03	1
Anthracene	10	U	10	1.3	ug/L		03/07/21 07:55	03/08/21 00:03	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		03/07/21 07:55	03/08/21 00:03	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		03/07/21 07:55	03/08/21 00:03	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		03/07/21 07:55	03/08/21 00:03	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		03/07/21 07:55	03/08/21 00:03	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		03/07/21 07:55	03/08/21 00:03	1
Chrysene	10	U	10	0.91	ug/L		03/07/21 07:55	03/08/21 00:03	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		03/07/21 07:55	03/08/21 00:03	1
Fluoranthene	10	U	10	0.84	ug/L		03/07/21 07:55	03/08/21 00:03	1
Fluorene	10	U	10	0.91	ug/L		03/07/21 07:55	03/08/21 00:03	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		03/07/21 07:55	03/08/21 00:03	1
Naphthalene	2.0	U	2.0	0.54	ug/L		03/07/21 07:55	03/08/21 00:03	1
Phenanthrene	10	U	10	1.3	ug/L		03/07/21 07:55	03/08/21 00:03	1
Pyrene	10	U	10	1.6	ug/L		03/07/21 07:55	03/08/21 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82	42 - 127	03/07/21 07:55	03/08/21 00:03	1
Nitrobenzene-d5 (Surr)	87	46 - 137	03/07/21 07:55	03/08/21 00:03	1
Terphenyl-d14 (Surr)	91	39 - 150	03/07/21 07:55	03/08/21 00:03	1

TestAmerica New York City			S	Chain of	Custody Record	cord		くになくたい	いい
47-32 32nd Place Suite 1141									5
Long Island City, NY 11101-2425								11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
phone 347.507.0579 fax	Regulatory Program	Program:	MQ	CI NPDES	CRA Other:			TestAmerica Laboratories, Inc.	ories, Inc.
Client Contact	Project Manager: Chris Morris	Chris Morris		Sil	Site Contact: Tom Johansen		Date: 3 3 21	COC No:	
a	Tel/Fax: (631) 759-2967	2967		La	Lab Contact: Melissa Haas		sr: Test Ah	1 of 2 c	CÓCe
1000 New York Ave	Anatysis Turnaro	Turnargund Time	Lime		QQ			Sampler:	
Huntington Station, NY 11746	CALENDAR DAYS	CJ WOR	WORKING DAYS					For Lab Use Only:	
(631) 760 - 9300 Phone	TAT if different from Below	m Below standard	ard		(N			Walk-in Client:	
(631) 760 - 9301 FAX				(N	12			Lab Sampling:	
Project Name: National Grid GW Monitoring		1 week		11) (
Site: Downstate Hempstead Former MGP Site		2 days) 9	ism			Job / SDGNo.	111
P O # 1905774.15.3		1 day		dun)(hh h	4
	Sample Sample	Type Type (Cecomp		ered Sa #	H+2-me EX 856				
Sample Identification	Date	_	Matrix	Cont.	18 49	460-229194 Ch		Sample Specific Notes	oles:
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A HIMN - 267	635	N		S	XX			N	9
HIMW-12S	0001	0		S	X		5-Day	5,55	4
3221 - MWIH	2401	2	-	S	- YY		RUSH	2	x
HIMM- 23	021	0		S	XX				6
EE-MWIH	1.30	2	1	5	XX				10
12502021	121	2		5	XX				11-
Preservation Used: 1= ice, 2= HCI; 3= H2SO4; 4=HNO3;	03; 5≖NaOH; 6= Other								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? P Comments Sertion if the Jab is to discose of the consult	Please List any EPA Waste Codes for the sample in the	te Codes for t	he samp	le in the	Sample Disposal (A I	ee may be a	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	ained longer than 1 month)	
Commons concorn me add is to dispuse of the sample.	Delson 8	C) Unknown	un.		C) Return to Client	Dictor	sed hours in the for	Months	
Special Instructions/QC Requirements & Comments:	CAT &		t			Man 13	an ann an the second		
Custody Seals intact:	Custody Seal No.:				Cooler Tem	Cooler Temp. (°C): Obs'd		Therm (D No.:	η
Relinquished by: 27 Jun Co	Company: GE1 Consultants P.C	sultants Inc.	5	me:	Received by:		Company	Parter Inc.	2
Relinquished by: 1 0 7 7 7	Company	12	Party	Determine: w	Received by:		Company	ADate 16 a	00
Relinguished by:	- Barefol:	- C o	Sate/	Satérimese	Received in Aaboratory by:	5	Company.	Date/Time: 1800	
	2 3 IRII				0		Form No. C	Form No. CA-C-Wi-002, Rev. 4.11, dated 1/24/2017	1/24/2017

TestAmerica New York City	S	Chain of Custody Record		
47-32 32nd Place Suite 1141				
Long Island City, NY 11101-2425 phone 347.507.0579 fax	Regulatory Program: Dw	🗇 NPDES 🔤 R.CR.A 🖾 Other:		TestAmerica Laboratories, Inc.
Client Contact	3	Site Contact	Date: STST21	COC No:
GEI Consultants Inc. P.C.	Tel/Fax: (631) 769-2967	Lab Contact: Mellssa Haas	er: Test Ame	A of W COCS
1000 New York Ave	Analysis Turneround Time			Sampler:
in, NY 11746				For Lab Use Only:
(631) 760 - 9300 Phone	AT if differant fro	(N)		A Wałk-in Client:
(631) / 60 - 9301 Proiect Name: National Grid GW Monitoring	2 weeks	12)		A ampling:
Site: Downstate Hempstead Former MGP Site	1 Week	asi		Song Max
P O # 1905774.15.3	1 day	C N/S		the MU the and
Samola Idoatification	Sample Sample (Scomp	# (2 barsti M mohe 0928 X3T em-S+HA		
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151				والمحترجة والمحتر والمحتر والمحتر والمحتر والمحتر والمحترين والمحت
Prevantion Used: 1# Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Boosthis Housed Housed	i; 5=NaOH; 6= Other			
A Hazardous Waste? dispose of the sample.	Please List any EPA Waste Codes for the sample in the		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	stained longer than 1 month)
Non-Hazard Skin Initiant Snoolal Institution (O Downitromite 8 Comments)	[] Poison B	C Return to Client	2) Disposal by Lab	e for Monthis
Sumative sector se	Lodar A K			
Custody Seals Intack: C C Yes C No		200 Cooler Temp. (C): Obs'd	Dbs'd:Conr'd:	Theym ID No.:
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Creinfulsing by:	Combany 3 3 21	Date/Time: ParkeckiNed in Laboratory by:	Company://	3/3 18 18UC
	2.37CV	n	Form No	Form No. CA-C-WI-002, Rev. 4.11, dated 1/24/2017

Chain of Custody Record

TestAmerica New York City



Downstate OMM Hempstead Test America, Edison, NJ Laboratory: **Report Numbers:** 460-229277-1 and 460-229406-1 Elissa McDonagh/GEI Consultants **Reviewer:** March 24, 2021

Sample Summary

Site:

Date:

FIELD ID	LAB ID	FRACTIONS
HIMW-14D	460-229277-1	BTEX, PAH
HIMW-14I	460-229277-2	BTEX, PAH
DUP-02	460-229277-3	BTEX, PAH
FB-030421	460-229277-4	BTEX, PAH
TB-030421	460-229277-5	BTEX
TB-030421	460-229406-1	BTEX
HIMW-03S	460-229406-2	BTEX, PAH
HIMW-03I	460-229406-3	BTEX, PAH
HIMW-03D	460-229406-4	BTEX, PAH
HIMW-15I	460-229406-5	BTEX, PAH
HIMW-15D	460-229406-6	BTEX, PAH

Associated QC Sample: Trip Blank: TB-030421 (460-229277-5), TB-030421 (460-229406-1) Field Blank: FB-030421 Field Duplicate pair: HIMW-14I/DUP-02

The above-listed aqueous samples were collected on March 4 and 5, 2021 were analyzed for BTEX volatile organic compounds (VOCs) by SW-846 method 8260C and polynuclear aromatic hydrocarbon (PAH) semivolatile organic compounds (SVOCs) by SW-846 8270D.

The data were evaluated based on the following parameters:

- Data Completeness
- Data Assessment •

Data Completeness

The data package was found to contain the sample reporting forms and QC forms which included organic surrogate recoveries, blank, matrix spike, and laboratory control sample results.

Data Assessment

Dilutions were not required.

Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site Town of Hempstead, Nassau County, New York Site ID #1-30-086 April 2021

Appendix D

Oxygen System Operations & Maintenance Measurements

		Newperio	ecci luise	section Om	ren Injec	tion Rev	nedial S)				
Oxygen k	N Interim i Project i	ational G Remedial No. 1702	rid Measuro 897-30-1	Number 1			l	Date Time Westiver Temperature Performed By	07 36'7 Ope	st	
in an our stand and a stand a s	0	Conse	lan an Leve Antipetration	anata na fan fransja na sa ana a		Go	5723020	r (Keener Ro	Harry Gor	ow)	
Hours			35409	5	Compre	ssor Tan	K *		135	-	(psi)
Feed Air Pres	90.78 ⁶		130	(pui)	∫0ekray }	Adir			136		(pai) [,]
Cycle Pressu (L / R)	ne "	High: Low:	70	77 (psi) H (psi)	Element	Outlet 7	'empettit	ure	189		,(SF)
Oxygan Race	iver Pres		innenisiana	70 (psi)	Running	Hours			17,281		(hours
Oxygen Rece (reading from			re.	110 (pet)	Loading	Hours			11,94	2	(hours
Oxygen Purity *.maximum cest	ing during	localing.cya		(percent)	(" กาลหมักบน	n ressing .	during laad	ing ayola Teach & Ease-	Tanjar.	an yan kita diyanga ng tabiyin	gang research annals in
Hours: 156	24(24)-05-24(4)/26(32-63)	: Pazzp () 8	r fall Leis falls (Eller Instantion and Standard	i Lanansenin onton son notorikan	Conden	sate Pun	ged (Ø	742 M 444 (1994	nsate Em	ptied)n)
and a state of the	njection B Deeth Au	Anne California	<u>153</u>		Injection B Dapth(fil)	tok 2 Leek			Injection B Depth (10		<u>(2)</u>
C272-1-1	25,5	30	26	077-1-35	675	26	17	1008-1-20D	0.5	31	28
OW-1-2	66.5	of	f.	01444-06	47.Q	24	17	CONN-41-19873-	57.2	30	27
010-1-3	96.3	27	30	OW-1-75	-66.9	17	17	-0W-1-11D	.96.1	28	27
QW-8-4	65.0	28	29	ow-ves	eeur	18	17	044-1-120	0.8.3	25	28
ovil-1-5D	95.9	30	29	047-1-98	66.0	25	18	OU2-1-13D	. 84.7	28	128
046-1-60	92.4	36	28	OWI-1-105	54.6	22	13	088-1-145	84.1.	27	28
1990-4-7D	494.4	28	28	044-445	- sa 1	28.	14	-0042-1-15D	-83.3	25	28
028-1-35	69.6	127	28	OW-1-128	53.6	28	14	057-1-160	62.5	24	13
Commente:				£	S Poin	is set a	t 30 sei	h			
Notes:		jda⊷gantannantieking	uminimentani (1996) (1996) (1996)	ad yyng a gwlaig ynwlait a rwy ynwl o ragan	(44)-14)-14)-14)-14)-14)-14)-14)-14)-14)-	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	- A T I I I I I I		1996-1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1	6.0000 (750) (0.000 (700) (700) (700)	
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				TION OPERI					ET	? 21	
an a fairt anns a' runn fan de search a fan y sann	hilechian f <u>Osibila (f</u> í	lank 4			Injection T	laok 5		Construction of the second sec	imection f		
OW-1-135	53.1	26	13	OW-1-170	Donh (fr 79.5	32	13	OW-1-215	0.300 (11) 49.3	28	11
OW-1-145	52.7	126	14	DW-1-1-0	78,3	31	25	CANI-1-225	49.3	28	11
OW-1-15S	52.2	26	13	OW-1-19D	78.9	31	25	OW-1-23S	48.8	29	11
DW-1-16SR	51.8	25	26	OW-1-20D	79.5	30	26	OW-1-24S	48.4	33	11
OW-1-175	50.7	120	24	OW-1-210	79.5	28	ZS	OW-1-25S	48.8	28	12
OW-1-185	50.2	27	12	OW-1-22D	79.5	33	24	OW-1-265	48.3	30	12
CW-1-195	497	of.	F	OW-1-23D	787	29	24	OW-1-27S	48.3	26	12
OW-1-205	49.3	Of	£	OW-1-24D	78.2	29	26	DW-1-28S	48.3	12	12
Comments:				A	ll Point	la set a	t 30 aci	ħ			
antenna och mit den på på på ann bet	Inicction B Depth (ft)		D 51		Injection B Depth (ff)	are a characteristics.	psi	1	njection F	DO(mp/L)	PIC
	F	1.	P		I.						
OW-1-25D	78 1	28	26	OW-1-295	48.5	30	12	OW-1-33D	83.2	28	1
OW-1-25D OW-1-26D	78.1	28.	26	OW-1-295 OW-1-305	48.5	30	12	OW-1-33D OW-1-34D	83.2 84.5	V	2=
QW-1-26D	<u> </u>	+			<u> </u>	1				28	23
	78.1	34	26	OW/1-305	48.8	26	.13	QW-1-34D	84.5	28 29	2= 28 20
OW-1-26D OW-1-270	78.1	34	26 27	OW:1-30S OW-1-315	49.3	26	13	QW-1-34D QW-1-35D	84.5 85.0	28 29 37	23 28 28 28
0W-1-260 0W-1-270 0W-1-26D 0W-1-29D	78.1 77.9 78.0	34 30 30	26 27 26	OW-1-305 OW-1-315 OW-1-325	49.3 49.3	26 28 28	13 12 12	OW-1-34D OW-1-35D OW-1-36D	84.5 85.0 85.0	28 29 37 36	23 28 28 28
OW-1-26D OW-1-270 OW-1-26D	78.1 77.9 78.0 78.3	34 30 30 31	26 27 26 25	OW:1-305 OW-1-315 OW-1-325 OW-1-335	49,3 49,3 49,7	26 28 28 26	13 12 12 12	QW-1-34D OW-1-35D OW-4-36D QW-4-37D	84.5 85.0 65.0 	28 29 37 36 21	23 28 28
0W-1-26D 0W-1-270 0W-1-26D 0W-1-29D 0W-1-300	78.1 77.9 78.0 78.3 79.0	34 30 30 31	26 27 26 25	OW-1-305 OW-1-315 OW-1-325 OW-1-335 OW-1-345	49,3 49,3 49,7 50,1	26 28 28 28 26 29	13 12 12 12 12	QW-1-34D QW-1-35D QW-4-36D QW-1-37D GW-1-36D	84.5 85.0 65.0 84.0 52.0	28 29 37 36 21 28	23 28 28 28 28

			A CARLES	section Oxy							
10 10	Depth (ft)		psi	ł	Depth (ft)		psi	1	Depth (ft)	A del gran a serie a	DS
OW-1-975	50.5	28	12	OW-1-41D	73.6	22	22	OW-1-43	67.4	31	19
OW-1-585	50.6	30	13	OW-1-42D	71.0	27	20	OW-1-44	66.6	29	18
OW-1-395	50.7	28	12	OW-1-45	65.7	28	18	OW-1-51R	60.6	32	16
OW-1-465	51.1	29	13	QW-1-46	64.3	28	17	OW-1-52	59.3	33	115
OW-1-415	51.5	30	13	OW-1-47	63.4	37	16	OW-1-53	60.0	30	16
OW-1-425	51.3	30	13	OW-7-48	62.5	127	18	OW-1-54	60.6	28	15
	-	ta ^a nna suide a da ta chuir ta chuirte a M		OW-1-49	61.5	29	16	angananan: any maniny hang nations		and a second	ias i ugrada tra
- }	-			OW-1-50	61.0	28	16		-		
	ie cica? Protection I		102		In action 5 Depth (10				Injuction 7 OTW	lonis. <u>Distanti a</u>	1799
99999999999999999999999999999999999999			mi						to a second s		<u>198</u>
29,000,000,000,000,000,000,000,000,000,0			201						to a second s		<u>198</u>
99999999999999999999999999999999999999									to a second s		<u>P</u>
									to a second s		<u>P38</u>
									to a second s		P35
									to a second s		
Comments:											

1922-1924-292 OM-ACICA-	an. Ing lang langkan kanala	n The Albert of Antipation Theorem Internet Antipation	Date: 1/19/21
		GENERAL SYSTEM NOT	
<u>Trailer</u>	 Performed general housekeepi Abnormal conditions observed 	Ves	inside and out, etc.) No
	3) Other major activities complete	d <u>Checked</u>	the extinguister
	4) Supplies needed	Spill pads/ buc	-16-4
	5) Visitors Noce		
		OPERATIONAL NOTES	
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until Del 2) Oil Level with system unloaded Low (red)	ivery Air Pressure is less th	1
	3) Oit.added 4) Oil changed 5) Oil filter changed 6) Air filter Changed 7) Oil separator changed 8) Terminal strips checked	Yes Yes Yes Yes Yes Yes	No + No + No + No + No + No +
<u>AS-80 O</u>	 <u>Generator</u> Prefilter changed Coalescing changed 	Yes Yes	No <u>+</u> No <u>+</u>

	jection R Na Interim R	emedial ttional Gr	System I id Measure	0.000	en mjeci		a Trailer T	Date: Date: Time: Weather: emperature: erformed By:	32 08 203 NAM	Sunn	
	and the second se	General				Con	apressor	(Kaesar Rol			
Hours			36,34	5	Compres	sor Tank	¢*		138		(psi)
Feed Air Pres	sure "		136		Delivery	Air			140		(psi)
Cycle Pressur	е*	High:	64		Element	Outlet Ta	mperatu	e	188		(°F)
(L / R) Oxygen Recei		Low: sure *	4	3 (psi) 66	Running	Hours			17,58	6	(hours
Oxygen Rece	iver Tank	Pressur		(psi) 1 <i>00</i>	Loading	Hours			12,140		(hours
(reading from Oxygen Purity 'maximum read	1		88.6	(percent)	(* mawinowa	n reactor d	luring loadin	n cvcle			
the second se	the local sector of the lo	Concession of the local division of the loca	owerex)					ank & Eco-D	kain		
Hours: 15		Column and the state of the sta			Condens	sate Purg		I) Conden	sate Em	ptied (Y	Dr)
<u>, 1999</u>	Depth (ft)	ank 1 	inni	-	Injection Ba Depth (ft)	nok 2 scilo	psi /		Injection B	ank 3 ach	pni
OW-1-1	-95.5	37	25	0W-1-55	67.3	30	17	-0W-1-0D	40.5	35	28
OW-1-2	96.5	Point	OFF	OW-1-65	67.0	28	17	OW41-100	37.2	31	27
OW-1-3	96.3	33	30	OW-1-75	-66.9	32	17	OW-1-11D	.96.1	22	29
OW-1-4	95.0	31	30	OW-1-85	66.7	30	17	OW-1-120	85.3	32	28
OW-1-5D	93.9	35	29	OW-1-95	66.0	34	18	OW-1-13D	84.7	28	28
OW-1-6D	92.4	32	28	OW-1-105	54.6	35	12	OW-1-14D	84.1	33	28
10W-1-7D	@1.1	32	28	QW-1-115	54.4	32	14	OW-1-15D	83.3	36	28
OW-1-60	69.6	37	28	QW-1-125	53.6	34	14	OW-1-16D	82.5	28	13
Comments:	- Barran da anti-arretario das	9. Galacia de Cana ndron Antonio		J	I Poin	ts set a	nt 30 sci	h			
Notes:	Alar Tat	m - F	liven	d discloud	harge t res	e tem	perat 50	hve on stem C	Con	npre	ssov er 1

	,			TION OPERA						1	
	yection Br		1		ijection Ba				uection B		
OW-1-135	<u>Geoth ((1)</u> 53.1	28	12	OW-1-17D	<u>Depth (11)</u> 79.5	33	13	OW-1-21S	<u>Depth (#)</u> 49.3	32	11
			13								10
OW-1-145	-52.7	30	14	OW-1-18D	76.3	32	25	OW-1-22S	49.3	27	10
OW-1-15S	52.2	30	13	OW-1-19D	78.9	42	26	OW-1-23S	48.8	38	11
DW-1-16SR	51.8	28	26	OW-1-20D	79.5	30	26	OW-1-24S	48.4	40	11
OW-1-175	50.7	37	24	OW-1-21D	79.5	31	25	OW-1-25S	48.8	32	12
OW-1-18S	50.2	29	12	OW-1-22D	79.5	32	24	OW-1-26S	48.3	36	12
OW-1-195	49.7	Point	OFF	OW-1-23D	78,7	31	24	OW-1-27S	48.3	30	19
OW-1-205	49.3	Point	OFF	OW-1-24D	78.2	34	25	DW-1-28S	48.3	43	13
Comments:	Injection B	Provide and the second s			Injection B	ank 8	t 30 sci		njection F	ank 9 DO(mg/L)	Pl
	Depth (ft)	T	I SI	OW-1-29S	Depth (ft) 48.5	sofh 20	psi	OW-1-33D	83.2	30	22
OW-1-25D	78.1	43	26	(///-1-235	40.5	30	12				-
OW-1-26D	78.1	42	26	OVV 1-305	48.8	36	13	QVV-1-34D	84.5	32	2
OW-1-270	77.9	38	27	OW-1-315	49.3	28	13	OW-1-35D	85.0	28	20
OW-1-28D	78.0	32	26	OW-1-325	49.3	30	12	OW-1-36D	65.0	31	28
-OW-1-29D	78.4	34	25	OW-1-335	49.7	26	12	OW-1-37D	-84.0	22	2
OW-1-30D	79.0	29	33	OW-1-345	50.1	35	12	OW-1-30D	82.0	30	20
OW-1-31D	80.5	Point	off	OW-1-35S	50.3	32	13	OW-1-39D	78.0	30	21
	81.6	33	27	OW-1-365	50.3	29	13	OW-1-40D	76.0	34	2:
OW-1-32D			heren	a lange and a second second		and and an	******	and a second			

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	niechon Bi	ank 10		1	nicction Br	ank 11	ii iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	M	niaction Bi	mk 12	roder and a second
	Depth fit	The section of the se	<u>psi</u>		Depth (ft)	sch	<u>psi</u>		Depth (it)		DS
OW-1-37S	50.5	34	12	OW-1-61D	73.6	30	32	OW-7-43	67.4	38	19
OW-1-385	50.6	40	13	OW-1-42D	71.0	31	20	OW-1-44	66.6	29	18
QW-1-305	50.7	34	12	OW-1-45	65.7	31	18	OW-1-51R	60.6	28	11
OW-1-405	51.1	32	13	GW-1-46	64.3	28	17	OW-1-52	59.3	34	15
OW-1-415	51.5	36	13	OW-1-47	63.4	27	16	OW-1-53	69.0	32	14
OW-1-425	51.3	33	13	OW-9-48	62.5	30	17	OW-1-54	60.0	32	15
-	· · · · ·	4		OW-1-49	61.5	30	16	-	-		
-	-	1		OW-1-50	61.0	28	16	-			
/			V								/
	*	2						the second se		A	Luna
		$\overline{ }$				1/				/	

			Date: 3/2/21
		GENERAL SYSTEM NOTES	
	 Performed general housekee Abnormal conditions observe 	ping (i.e. sweep, collect trash insid Ves d (e.g. vandatism) Nove	le and out, etc.) No
		- (3,	
	3) Other major activities comple	ied Nove	
	4) Supplies needed	None	
	5) Visitors Now	v	
		OPERATIONAL NOTES	
	ompressor		1
	 Oil Level Checked with syste * Unload system, wait until D. 	m unloaded" Y elivery Air Pressure is less than 9	jes No
	2) Oil Level with system unload Low (red)	ed Normal (green)	High (orange)
	3) Oil added	Yes	No.
	4) Oil changed	Vies	No
	5) Oil filter changed	Yes	No
	6) Air filter Changed	Yes	No
	7) Oil separator changed	Yes Yes	No
	8) Terminal strips checked	TES Contractor of the same	INO water the second se
1S-80 0, 0	al wind all the provide stand in the second standing of the second s		No.
	1) Prefilter changed	Yes	No /
	2) Coalescing changed	Yes	

Oxygen	N Interim		l System Irid I Measur	Number 1 e			le Trailer	<u>)rstem Numb</u> Date Time Weather Temperature Performed By	3/2 60	5/21 0900 (, P. (, P.) () H	Cloude
	0	Gezan	ke:		1	Co	Manager and an and a second	n (Nacest Re	which many restored to be stated on the	(007)	
Hours			367	96	Compre	assor Tan	ik "		130	-	(psi)
Feed Air Pre	ssure "		130	(pisii)	Delivery	y fiir			130	2	(psi)
Cycle Prezzu (L / R)	me *	High: Low:	70	172 (psi	P46.	t Outlet 7	iomparat	uro	190		(%F)
Oxygen Rec	eiver Pre			(psi)	Running	g Hours			1807	7	(hours
Oxygen Reol reading from		nk)		110	Loading	J Hours			1247	1	(hours
Dxygen Purit .maximum rea	Non during		in .	(percent)	* manimu	m reading (ing cycle Tach & Eas-C	1.1		
lours: 256		and spectrum of the La Martineto	-		Conden	sate Pur		a da antiga da antig	and of Anton Property and Company	ptied (DN)
No tomul parameter en transme	injection B Cleptic (fr	a construction of the second sec	4023 j		1 Injection B Depth/fil	and a state of the			niection B Depth (fil)	And a state of the	pzi
-Gue-e-a	\$55	26	27	-CW-1-55	673	26	17	QW-11-51D	62.5	30	28
OW-1-2	96.5	OF	f	OW-1-65	67.0	30	18	OW-1-10D	67.2	20	27
014-1-3	96,3	18	30	0141-75	66.9	28	17	OW-1-11D	.86.1	25	29
OW-1-6	05.0	26	30	OW-1-65	66.7	28	17	011-1-120	85.3	21	28
OW-1-5D	93.9	30	28	OV1-1-55	65,0	.24	18	OV#1-130	84.7	25	28
O₩-1-6D	92.4	28	28	014-1-1.05	54.6	22	13	0W41-14D	84.1 <i>.</i>	16	25
W-1-70	-04.1	32	28	QW-1-1115	50.4	28	14	OW-1-15D	£3.3	26	28
OW-1-80	63.6	22	29	GW-1-125	53.6	-79	14	011-1-16D	82.5	16	17
Comments:				A	li Poin	is set af	t 30 scí	h			
Notes:	Andre Hannen - San Hannan		and the second								

		OXYG	EN INJEC	STION OPER/	ation A	ND.MAN	TENANG	Date: CE LOG SHE	TT.	3/4	
	and the second state	Herriger	the live	rsection Oxy	nou fund	cillen Re	medial SI	istem Atumbi	F 1		
	Injection (Ocoth Mi		<u>DSi</u>		Injection T Ocoth Cli		asi		inection I Dapth (2	A SHARE A PROPERTY.	92
OW-1-13S	53.1	26	14	OW-1-170	79.5	25	14	OW-1-215	49.3	24	111
011/1-143	52.7	26	14	DW-1-ACD	78,3	28	25	QWI-1-228	49.3	27	11
QW-1-155	52.2	25	13	OW-1-19D	78.9	28	26	OW-1-235	48.8	25	111
OW-1-16SR	51.8	30	26	OW-1-20D	79.5	28	26	OW-1-24\$	48.4	23	11
OW-1-175	50.7	16	25	OW-1-21D	79.5	27	25	OW-1-25S	46.8	24	11
OW-1-185	50.2	25	12	OW-1-22D	79.5	23	24	OW-1-26S	48.3	23	13
OW-1-195	49.7	06	f	OW-1-23D	78,7	23	24	OW-1-278	48.3	30	13
OW-1-205	40.3	0	ff	OW-1-24D	78.2	22	26	OW-1-28S	48,3	10	11
	l Injection B Depth (fl)		<u>psi</u>		Inisction B		psi	1	niaction E DTW	A MARINE COMPANY	
		1	1	i i i i i i i i i i i i i i i i i i i	Contract of the second s					LICHINE!	PID
OW-1-25.D	78.1	18.	U	OW-1-295	48.5	28	12	OW-1-33D	83.2	<u>20(ma/L)</u> 30	28
OW-1-25D OW-1-26D	78.1 78.1	18.	26	OW-1-295 OW-1-305	-48.5 -48.8	28	1	OW-1-33D OW-1-34D	1	Ŷ	t.
		1				6	12		83.2	30	28
OW-1-28D	78.1	20	26	OW/1-305	48.8	25	12.	OW-1-34D	83.2 84.5	30.	28
0W41-26D 0W41-270	78.1	20	26	OW-1-305 OW-1-315	48.8	25	12.	OW-1-34D OW-1-35D	83.2 84.5 85.0	30. 29 52	28
0W-1-26D 0W-1-270 0W-1-28D	78.1 77.9 78.0	20 24 27	26	01/01-305 01/0-3-315 01/0-4-325	48.8 49.3	25 28 28	12 13 13 12	OW-1-34D OW-1-35D OW-1-35D	83.2 84.5 85.0	30 29 52 28	28 28 12 29
0W-1-26D 0W-1-270 0W-1-28D GW-1-28D	78.1 77.9 78.0 78.4	20 24 27 25	26 27 26 25	0W-1-305 0W-1-315 0W-1-325 0W-1-385	49.8 49.3 49.3	25 28 28 26	12 13 13 12 12	OW-1-34D OW-1-35D OW-1-35D OW-1-37D	83.2 84.5 85.0 85.0	30 29 52 28 16	28 12 29 29 29 29
0W-1-26D 0W-1-270 0W-1-28D 0W-1-29D 0W-1-20D	78.1 77.9 78.0 78.4 78.4	20 24 27 27 27 0f	26 27 26 25	OW-1-305 OW-1-315 OW-1-325 OW-1-335 OW-1-345	49.8 49.3 49.3 49.3 50,1	25 28 28 26 24	12 13 13 12 12 12	0W-1-34D 0W-1-35D 0W-1-36D 0W-1-36D 0W-1-36D	83.2 84.5 85.0 85.0 94.0 82.0	30 29 52 28 16 32	28 28 12 29 28

Oxygen System Number 1 Log Sheet

	Depth (ft		051		niection 8 Depth (ft		<u>psi</u>		niection 8 Depth (ft		DS
OW-1-975	50.5	28	12	OW-1-410	73.6	28	22	OW-1-43	67.4	30	20
OW-1-385	50.6	126	17	OW-1-42D	71.0	34	20	OW-1-44	66.6	28	18
OW-1-395	50.7	52	12	OW145	85.7	32	171	ow-t-str	60.6	30	16
OW-1-405	51,1	30	14	GNAI-1-46	.64.3	36	17	0W-1-52	59.3	50	10
OW-1-415	51.5	37	14	OW-1-47	63.4	32	17	OW-1-53	60.0	27'	16
OW-1-428	51.3	170	14	0111-7-48	62.5	30	18	OW-1-54	60.0	28	16
-			P	OW-1-49	61.5	30	16	-			с
-	-			OW-1-50	61.0	25	16	w. (-		
										and the second se	
	inication 2 <u>Denily 100</u> 1				n acion C Denie (In	36 <u>1</u> 2001	. 1001		Niection 3 DTM	inic. <u>Dilionatia</u>	1242
0		1									
							1 1			ſ	
											echicitate

and the second secon			Date: 3 25/20
an litera	and the second state of the se	GENERAL SYSTEM NOTES	
railer	1) Performed general housekes	eping (i.e. sweep, collect trash insi	do and and add b
	17 Forter the general housened	Yes 4	Je and out, etc.)
	2) Abnormal conditions observe	All indianational and	1999 P
	5) 6 ¹¹	. A	anna 4 anna i su sa
	 Other major activities complete 	ried <u>NA</u>	
		entropy and the second s	ر میشور و از این می می این این این این این این این این این ای
	4) Supplies needed NA		
	,	an a	
	. A		
	5) Visitors NA	apparte standy and the second standard standard standard standard standard and standard standard standard stand	
A5 Air C	Compressor	OPERATIONAL NOTES	and a series of the series of th
and the later of the	1) Oil Level Checked with syste	municarieri ^o v	ies X No
	* Unload system, wait until D	elivery Air Pressure is less than 9	
	2) Oil Level with system unload	and and the second second them. And	M201-
	Low (red)	Normal (green) 🗡	High (orange)
	3) Oil added	Yes	No 🗸
	4) Cilchanced	Yes	Ato 7
	5) Oil filter changed	Yes	No -
	6) Air filter Changed	Yes	No 7
	7) Oil separator changed	Yes	NO 7
	8) Terminal strips checked	Yes	ACCOMPANY/POLY CONTRACTOR
A 00 P	Generator	to set the anticipation of the second	NO +
6 4324 Lato			
2-013-03	1) Prefitter changed	Yes	No 7

300			III Indiminious P	ial Syste	Remed	Injection	ON OPERATI	INJECTIC	XYGEN	0	
	15	11.91	Dale.	ar eyete	Tromou	i injectioi	cuon Oxyger	tead, NY	Hemps	He litton Ave	159 Ц
20	48	377	Time:				mber 2	stem Nur	nedial Sy	ction Ren	Oxygen Injec
Ň	12M	DIA	Weather:	railer Ter	Incido T				onal Grid	Natio	
CALAWAY	SAIK	RE	onned By: y	Peri			1			erim Ren	
	w)	ry Screv	Kaesar Rotar	ressor (I	Comp				enerator	oject No. O, G	Pro
(psi)		19	1		or Tank *	Compresso		9934			
(psi)							•				lours
		116			r	Delivery Ai	si)		7	ire *	Feed Air Pressu
(°F)		171		perature	utlet Tem	Element O	65 (psi) E	60 11	igh:	* H	Cycle Pressure
(hours))	9943	6		a dana		O (psi)	0	ow:		(L / R)
(lours	Running H			Ire *	er Pressu	Oxygen Receive
(hours)	2	3733	5		ours	Loading H	osi)				
		A 1.00 - 10 - 10 - 10 - 10 - 10			ouro	Loading in	125	1			Oxygen Receive
							osi)			lue tank)	(reading from b
								10.3 (Oxygen Purity
		ain	nk & Eco-Dr	ring toading	reading dur	* maximum		9	ading cycle	g during la	* maximum reading
A			A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER	AITIC				owerex)	ump (P	looster F	B
d(()N)					ate Purge	Condens	7	Roken	9 3	999.9	Hours: 000
<u>3</u> scfh <u>psi</u>		Depth (ft)	100	001		Injection Bar		Ţ	nk 1	jection Bar	In
51 27:	3	97.2	OW-2-10D	PSI 19.5	scfh	Depth (ft)		psi	<u>scfh</u>	Depth (ft)	
	39	100.8	OW-2-11D			75.0	OW-2-9S	300	30	90.2	OW-2-2
	1-		000-2-110	300	20	75.0	OW-2-10S	19.0	21	94.3	OW-2-3
2 19.5	3	94.0	OW-2-12	7.5	25	76.5	OW-2-115	370	22	94.7	OW-2-4
031 041	0	97.0	QW-2-13D	18.5	21	75 0	OW-2-13S	295	29	95.3	OW-2-5
31 29:	3	96.4	OW-2-14	18.5	30	75.0	OW-2-15S	-		95.7	QW-2-6
30 30	3	94.6	QW-2-15D	190	29	75 5	QW-2-16S		20	96.0	OW-2-7
40 25	4	94.1	OW-2-16D	RS	29	74.5	OW-2-18S		29	96,3	0\0/-2-8
30 29.	2	95.0	OW-2-17	20.0	37	79,0	OW 2-20S		29		
		96.4 94.6 94.1	OW-2-14 OW-2-15D OW-2-16D OW-2-17	18.5 19.0 18.5 22.0	30 29 29 37	75.0 75 5 74.5	QW-2-15S QW-2-16S QW-2-18S QW-2-20S	29.5 30.0 29.5 28.5 30.0	29 27 30 29 29	95.7	

	FI	empare	au un	ler Jee					stem Number	jection Ba	nk 6	
	ection Bar	n <u>k 4</u> scilh	psi			ection Bar Depth (ft)	scfin	<u>psi</u>		Depth (ft)	scfh	psi
W-2-18D	95.5	1	27	5	DW-2-22S	76.0	31	20.0	OW-2-26D	95.0	29	310
OW-2-19			29		OW-2-24S	77.8	31	21.0	OW-2-27	93.5	30	293
0W-2-20D	96.6	31	5		OW-2-265	74.0	30	19.5	OW-2-28D	92.1	31	265
OW-2-21	96.6	30	28		OW-2-28S	76.0	30	20.5	OW-2-29	92.2	27	28
OW-2-22D	96.3	31	28		OW-2-30S	67.8	32	16.0	OW-2-30D	88.0	31	25
OW-2-23	97.2	POINT	OF		OW-2-34	71.0	31	19.5	OW-2-31	86.0	27	25.
OW-2-24D	97.0	POINT	0	FF	OW-2-35	69.2	29	20.5	OW-2-32	84.0	30	24
QW-2-25	96.0	0	2.	5	OW-2-36	64.8	30	19.0	QW-2-33	82.0	30	25
Comments:	Injection	Bank 7				Injection	Bank 8	at 30 s				
	Depth (-	psi		Depth (T	1.				
OW-2-37	62.8	2-	17	5	OW-2-45	61.1	33	, 19.5	7	-		
OW-2-38	62.1	29	19	.5	OW-2-46	61.0	31	119,0	0			+
OW-2-39	60.0	27	_ 1-	0,0	OW-2-47	60.5	5 3-) R.	5			
OW-2-40	61.	7 POI	NT	OFF	-	-						
OW-2-241	61.	7 2-) 1	95		-						
OW-2-42			-	9,5	-							
0W-2-43	3 61		INT	OFF	-		-		-		-	-
OW-2-44		0.6 2	1	19.5	-		-		-		-	-
	nts:					All n	oints s	et at 30) scfh			

	Date 11921
	GENERAL SYSTEM NOTES
iler 1) Performed general housekeep 2) Abnormal conditions observed	oing (i.e. sweep, collect trash inside and out, etc.) YesNoNo d (e.g. vandalism)NOE
3) Other major activities complet	ted <u>Cyciller</u> AUD UPDATED
4) Supplies needed	Ne
5) Visitors GE	DOTGE HOLMES (GEI)
	OPERATIONAL NOTES
A5 Air Compressor 1) Oil Level Checked with syste * Unload system, wait until E 2) Oil Level with system unload Low (red)	em unloaded Delivery Air Pressure is less than 9 psi ded Normal (green) High (orange)
 3) Oil added 4) Oil changed 5) Oil filter changed 	Yes No V/ Yes No V/ Yes No V/ Yes No V/ Yes No V/
6) Air filter Changed	Yes No
 7) Oil separator changed 8) Terminal strips checked AS-80 O₂ Generator 	11

	0	YGEN I	NJECTIO	N OPERAT	ON AND	NAINTE Remed	lial Syste	m Number 2	1		
Oxygen Inje In	tilton Ave	Hempsi nedial Sy onal Grid medial Me	ead, NY stem Nur easure	+	in injection	Inside T	railer Ter Perf	Time: Weather: nperature: onned By:	36°.	210 30 ACM	
and an and the second strategy of the second	O, G	enerator				Comp	nossor (l	Gesar Rotar	y Screw	r)	
Hours		1	044)	Compresso	or Tank *			16		osi)
Feed Air Press	une *		7 <u>6</u> (pi	si) C	Delivery Ai	r			<u>>1</u>	(F	(I81)
Cycle Pressure (L / R) Oxygen Receiv	Ŀ	igh: wv: ure *	0	C (psi) 32 si)	Element O Running H	lours	nperature		975		'F) nours) hours)
Oxygen Recei (reading from Oxygen Purity	olue tank	t.		<u>125</u> 131)	Loading H			-			nours
maximum readi	na during lo	ealing cycle		**************************************	* maninuum	neading de	ining loading Allr Ta	ink & Eco-Di	ain		
1	300ster 0999	the statement of the statement of the	Brake				ed (Y) N) Condens)N)
	njection Ba Depth (ft)	nk 1 scíh	psi		Injection Ba Depth (fi)	nk 2 Scfh	psi	-	Depth (ft)	sch	
OW-2-2	90.2	30	30.0	OW-2-95	75.0	33	20.0	OW-2-10D	97.2	23	21:
OW-2-3	54.3	37	29.5	OW-2-10S	75.0	50	30.5	OW-2-11D	100.8	31	32,0
OW-2-4	94.7	32	35.5	OW-2-115	76.5	31	9.0	OW-2-12	94.0	29	19.0
OW-2-5	95.3	35	29,5	OW-2-13S	75.0	40	190	OW-2-13D	97.0	off	TYC
OW-2-6	95.7	37	30.5	OW-2-15S	75.0	32	R.O	QW-2-14	96.4	37	28.5
OW-2-7	96.0	37	29.5	QVV-2-16S	75.5	40	P15	OW-2-15D	34.6	35	30.0
CNW-2-8	95,3	35	30.0	OW-2-185	74.5	40	19.3	OW-2-16D	94.1	31	26.
OW-2-9D	95.7	31	30.0	OW-2-205	79.0	29	210	CW-2-17	95.0	125	29.
Comments:					All Poin	ds set :	at 30 sc	fh			
Notes:	,										

111	iection Ban				rection B.				njaction Ba		psi
for only	Depth (II)	scift	psi		Depth (1)	<u>scfn</u>	12 4		<u>Depth (ft)</u> 95.0	32	31.0
W-2-18D	95.5	37 2	20	OW-2-22S	76.0	30	P.S	OW-2-26D	95.0		
OW-2-19	96.1	29 2	20	OW-2-24S	77.8	29	23.5	OW-2-27	93.5	31	230
DW-2-20D	96.6	21 3	55	OW-2-265	74.0	31	19.0	OW-2-28D	92,1	51	262
OW-2-21	96.6	22 12	27.5	OW-2-285	76.0	31	19.5	OW-2-29	92.2	36	128.5
OW-2-22D	96.3		27.0	OW-2-30S	67.8	27	165	OW-2 30D	98.0	30	255
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	30	19,0	OW-2-31	86.0	30	260
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	30	21.0	O₩-2-32	84.0	24	24.0
CINV-2-240	96.0	1	100	OW-2-36	64.8	30	18.0	QW-2-33	82.0	34	25.5
	Injection B Depth (ft)		psi		Injection Depth (ft) scin	<u>psj</u>	1			1
9 4 10 1 10 10 10 10 10 10 10 10 10 10 10 1	Injection B	ank 7	1			and the second second		1			and a state of the
OW-2-37	62.8	41	12-	OW-2-45	61.1	31	19.5				
000-2-54			19.5		+	1		1		1	
OW-2-38	62.1	151	19.0	OW-2-46	61.0	30	190				
OW-2-39	60.0	47	17.5	OW-2-47	60.5	37	0 19.0				
OW-2-40	61.7	POINT	OFF		-						_
OW-2-241	61.7	41	120		-						
OW-2-42	81.6	44	0.9	-	-						
OW-2-43	61.4	POINT	OFF	-	-			-	-	-	
	60.6	40	19.3	-	-			-	-	-	
OW-2-44R	1	1		-Name				scfh			

	Data. 92521 GENERAL SYSTEM NOTES												
iler	1) Performed general housekeeping (i.e. sweep, collect trash inside and out, etc.) YesNo 2) Abnormal conditions observed (e.g. vandalism)NDNE												
	3) Other major activities completed <u>CLYLIKEN</u> AUD UDATED JIC ELTIDIU, STILL ADED DL TO COMPLEDD 4) Supplies needed MAIDTADACE LIGHT OD OD COMPLESS	R											
	4) Supplies needed MAND HOACE LIGHT ON SIZE CALL												
	OPERATIONAL NOTES /												
	Image: Compression Yes No 1) Oil Level Ohecked with system unloaded* Yes No * Unload system, wait until Delivery Air Pressure is less than 9 psi * No 2) Oil Level with system unloaded Normat (green) High (orange) 3) Oil added Yes No 4) Oil changed Yes No 5) Oil filter changed Yes No 6) Air filter Changed Yes No 7) Oil separator changed Yes No 8) Terminal strips checked Yes No 1) Prefilter changed Yes No 2) Coalescing changed Yes No												
+ 14	* Compressor psi will NOT PASS 70 Ansep Injection will NOT PASS 50	×											

	0)	YGEN I	NJECTIC	N OPERAT	TON AND	MAINTE	NANCE I	OG SHEET			
1-21-10	He	npstead	Intersection	NON UXVOE	n injectioi	1 Itemet		Date:		Į21	
Sxygen Injec	non Ave tion Ren	. nediat Sv	stern Nur	mber 2				Time:	1080 505.0	D5	
	Natio	nal Griđ				incide "i	railer Ter	Weather:	JUSIC JUMA 1	Derat	iaral
Int	erim Ren	nedial îvît	easure				Pet	ionneo 15/:	C Ra	yez_	
Pn	oject No.	1/02097 anerator	-30-1		<u> </u>	Comp	ressor (Kaesar Rota	y Screw	r)*	
			0,862		Compress	v Tank *			78	(p	si)
lours									18	(p	ei)
Reed Air Pressu	re *		<u>78</u> (m		Delivery Ai				_	ŗ	
Cycle Pressure	* H)	igh:	53 :		Element O	utlet Ter	nperature		172	(*	F)
(L/R)	۰La	9W:	Ø	Ø (psi) 51	Running +	iours		-	<u>70,2</u> 28		wurs)
Oxygen Receiv			•.	osi)				Ĺ	60829	(hours)
Oxygen Receiv			5	124	Loading H	NULLE		<u>.</u>		×	
(reading from b	ice tank)			osi)							
Oxygen Purity			63.2	percent)							in the second
noavinnuin reasin	g ducing lo	acting cycle	2		* menimum	.ceading de	ning (sach) Air T	g ofcia ank: & Eco-Di	าลเก]
	looster l	, dumb	owerex)				~			0	
Hours: 009	<u> 99.99</u>	Brok	ien		Condens	ate Purg			sate Emp	-	(א ו
	jection Ba	n <u>k 1</u>	, A		injection Ba		05	. <u>1</u>	Depth (ft)	<u>sch</u>	<u>psi</u>
	Depth (ft)	<u>acfh</u>	<u>osi</u> 7 n ()	-0W-2-9S	<u>Depith (ft)</u> 75.0	27	205	GW-2-10D	97.2	24	27.0
QW-2-2	90.2	33	30.0 30.0	OW-2-10S	7.5.0	34	31.0	OW-2-11D	100.6	25	325
OW-2-3	84.3 	34	<u> </u>	OW-2-115	76.5	26	7.0	. OW-2-12	94.0	22	19.0
OW-2-4	94.7	25	38.0	044-2-113		ļ	19.0	OW-2-13D	97.0	710	Ø
OW-2-5	95.3	30	30.0	014-2-135	75.0	29		010-2-130			
044-2-6	95.7	31	31.0	OW-2-75S	75.0	27	19.0	0₩-2-14	\$8.4	28	29.0
OW-2-7	95.0	30	30.0	OW-2-165	75.5	26	M6	. OVY-2-15D	94 6	26	30.4
C/W-2-8	96.3	30	30.0	OW-2-165	; 74.5	26	19.0	OW-2-16D	94.1	22	+
011-2-90	195.7	28	300		3 7.9.0	25	21.0	'CW-2-17	95:0	23	28.(
Comments:		10		<u> </u>	All Poin	n's set i	at 30 sc	:Ph			
ivotes:	<u></u>										
1											

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	E	OXYGEI iemoste	ad inters	ION OPERA	en inject	ion Ren	edial Sy	stem Number	r 2		
					njection Ba		(njection Ba	<u>nk 6</u>	
	ection Ba Depth (fit)	nk 4 scih	psi	_	Depih (it)	<u>scín</u>	<u>psi</u>		<u>Cepth (fi)</u>	<u>scin</u>	psi
)W-2-18D	95.5	21	30.0	OW-2-225	76.0	25	20 ,0	OW-2-26D	95.0.	30	36.D
OW-2-19	96.1	20	295	OW-2-24S	77.8	99	26.0	OW-2-27	93.5	27	27.5
DW-2-20D	96.C	17	5.D	OW-2-26S	74.0	24	19D	OW-2-28D	92.1	33	27.5
OW-2-21	96,6	23	280	QW-2-28S	76.0	26	20.5	OW-2-29	92.2	28	28.0
OW-2-22D	96:3	23	27.5	OW-2-30S	67.8	24	165	OW-2-30D	86.0	33	26.0
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	24	19.5	OW-2-31	86.0	28	1280
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	25	21.5	OW-2-32	84.0	26	25.
0₩-2-25	96.0	710	Ø	OW-2-38	64.8	24	18.0	QV4-2-33	62.0	27	26.
Comments:			er u (e		All Poin		at 30 so				
	Injection		psi		Depth (psi	-			
OW-2-37	<u>Depth (</u> 62.8	24		OW-2-45	61.1	26	19.5	5			
OW-2-38	62.1	26	, 19.0) OW-2-46	61.0	27	+ 19.0).			
QW-2-38	60.0	, 28	5 18.0) QW-2-47	60.5	20	0 19.1	2			
OW-2-40	61.3										
OW-2-241	61.	7 24	1 19.	5 -							
OW-2-42	_	-									
OW-2-43											
OW-2-44		1.6 2		5 -				-			-
Commen			i	!	ـــــــــــــــــــــــــــــــــــــ	oints s	et at 30	scfh			
					v						,

Oxygen System Number 2 Log Sheet

	Dale: 3/25/21
	GENERAL SYSTEM NOTES
r <u>ailer</u> 4) 4) 2)	Performed general housekeeping (i.e. sweep, cellect trash inside and out, etc.) Yes No Abnormal conditions observed (e.g. vandalism)
3)	Other major activities completed <u>Checked</u> Five Extinguisher
4) Supplies needed Nove
5	Visitors None
	OPERATIONAL NOTES
2 2 1	1) Gil Level Ohecked with system unloaded * Unload system, wait until Delivery Air Pressure is less than 9 psi 2) Oil Level with system unloaded Low (red) Normal (green) High (orange) 3) Oil added Yas 4) Oil changed Yes 5) Oil filter changed Yes 6) Air filter Changed Yes 7) Oil separator changed Yes 8) Terminat strips checked Yes

Öxygen System Number 2 Log Sheet

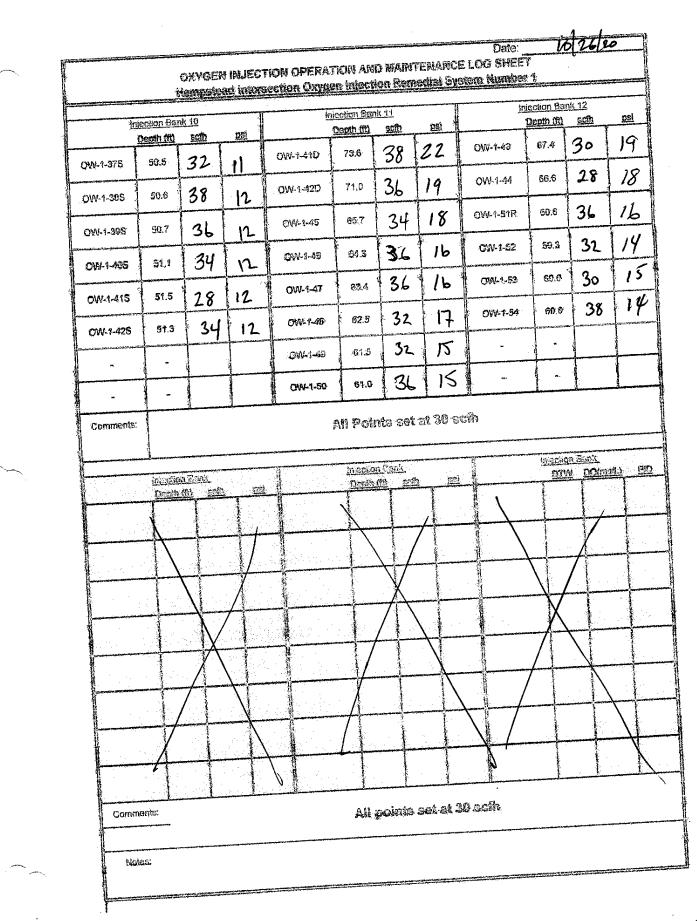
C)	kygen i	NJECIN	on operat	n Iniecticu	o Reme	Hal Syst	em Ninniber 1			
He	332-30-50	r innerset	DOM WANGE	ER FEELCHALLE			Date:		120	
	0 K 🕰		mber 1				Time:			
tion Ren	nediai Sy	stem ivu						AN,5	3 clark	ly
Natio	nal Grid		88) 		Inside 1	Frailer Te	mperature:	ore	HIC	
arim Ker	nediði IVI 1960-01	2001				Pe	formed By: 7	IKE C	man	
yect No.	1404000				Costs	aressor (Naesar Roiai	ly Screw	Ŋ	
V2 0		State of the local division of the local div		and the second secon				.25		- *>
	3	3972		Compress	or Tank'	•		122	(P	81)
		<u> </u>						11.5	ំគេ	oi.
	-	135 @	si) l	Oslivery A	¢.		-	<u>140</u>	6 Fr	29 J
		· · · · ·							~	
	-	1. ··	211 (00)	Flamont ()	whet Tal	mpanatur	<u>a</u>	148	1	f)
* ÷			the second s	Lage Children (Children in All 1986)						
		Z	And the Party of t	Muanima k	loure		1	5357	• (r	nours
er Pressi	une "		The survey of th	Kunning r	1001 5					
		(i	(lac					11-1-7.9	0	hour
er Tank I	Pressure	:		Loading F	lours		-		đ.	
6			115	r t						
	¢.	7	nsi)							
	0	112	in arcently.							
		and the second data was not second as a second data was a second data was a second data was a second data was a	harrend	12 manual 1920	12400000	unina lozdi	s aycio			
o during to	ading system	>	· · · · · · · · · · · · · · · · · · ·	- 3152301832318X		Air T	ank & Eco-Di	าส์ก		
oostert	»cento (P	owerex)		<u>{</u>		p-464 G		-	5	
		Hor		Cantona	ata Putri	en IDH	() Condera	ate Emp	nied (Y)	'N)
560.		NEED	S A MONTH	CONNERS	are i wy		,			
	دىرى، دەرىپ چەسىسى <u>تىسى</u>	<u>v</u>	EVENEMENT	i Histian Ba	nk 2	1	t t	njection Be		
jection Ba						1 10		Depth (h)	<u>dias.</u>	TQ.
Cepia (10	്ട്	1000		1			Citre in sector	583 X	32	27
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	0		OW-1-ES	67.0	32	16	0441-100	66.2	32	1
00.0	Kour .	OFF		4		 	<u> </u>	1	24	
	2.		CAN 1.7S	68.9	36	11	OW-1-11D	26.1	52	2
98.5	00	ୢ୰୰ୄ		<u></u>		<u>'b</u>		1		
		F			411	11	011-1-120	25.3	30	2
85.0	28	29	CIVIE-1-025		46	10	J	<u></u>	<u> </u>	<u></u>
·	<u> </u>	<u></u>		1	110	17	1 102-1-1263	04.7	28	2
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L	100	<u> </u>	<u>}</u>		1	1	-	044	12	2
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	1	120	01W-1-17S	्र स्थान	178	13	OW-1-15D	.83.3	-0	2
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69.6	130	20	V77-1-120	4447.04	مر ا	1 -1	1			
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		ON	GENI	NJECT	ON OP	ERATI	n an Inisch	o MA 10a R	inte emec	ncaliviC liai Sy	e lo Siem	s Sheet <u>Mumber</u>	4 *			_
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-{11	jection E	epk/4		1			oticui Rau	<u>ak 5</u> scála	L.	13			eath (A		ž.	
	Ogodh (fil	<u>1 86</u>		12 12	Offer-		79.5	24	ł	13	OV	1-1-218	49.3	3	0	10
0104-1-135	53,1		<u></u>		and the second secon		78.3	24	1	24	1 OV	V=1-235	49,8	2	8	D
OW-1-148	-52.7	3	Z	13	OW-1-					25	10	N-1-295	48.8	3:	2	10
QW-1-155	52.2	3	0	12	OW-1-	.19D	78.9	14		25		W-1-248	48,4	4	2	10
OW-1-165R	51.8	3	32	25	OW-1	-200	79.5	21	<u></u>		_	W-1-259	48,8	12		12
OW-1-175	50.7	3	34	24	000-1	-210	78.5	2		24	<u> </u>	any and the second second second second	46.	+	26	12
OW-1-18S	50.2	2	32	11	OW-	1-22D	79.5	2	6	24	_ [JW-1-255	48.		34	12
OW-1-195	OW-1-195 49.7 POINT OFF						13D 78.7		8	24		JW-1-27S	<u> </u>	+	22	13
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Comments		¹				A	h Poi	nts :	set ¢	A 30 :	scift			a da no andre a della		
	4						۲۵ (۲۰۰۰ <u>۵۰ مارد - میرو</u> ر) اندر از میرون 			- 7			injeci	tion Bar	<u>(* 9</u>	
	Inject	ion Ba	<u>nk7</u>		it.		Iniectio Depth		<u>scfn</u>	, D	51		<u>0</u>	TAN C	O(mp/	
	Dep 1	<u>th (ft)</u> }	scfte	100		N-1-295	48		12	- 12		014-1-331		3.2	30	27
DW-1-25		8.1	28	25		القدائنيون المرجع		.8	22			QW-1-34	D	84.5	32	28
OW-1-26	ין מ	78.1	28	25		W: 1-30S			22			OW-1-39	n i	85.0	42	2
OW-1-27	no T	77.51	30	26	>	W-1-315	41	2.8	24	<u>اً ا</u> ا	2				39	
OW-1-2		79.0	28	> 2	5 0	XV-1-325	. 4	9.3	30)	12	OW-1-3		85.0		
			1			CMY-1-931	5	9.7	32	2	2 044-1-		70	84.0	24	
-Ont-1-2	ON-1-200 78.4 30 23					OM-1-34	s i	50.1	3	0	11	CW-1-3	160	520	3	D 2
OW-1-	3000	79.Ŭ	21					50.3	2		12	OW-1-	39D	78.0	3	6 2
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OW-1	-320	51.¢	3	2 2	27	0161-1-3	[50.3	<u> </u>	<u></u>	13	1		<u>i</u>	<u></u>	
Com	pepis:						All	рой	1166 - L	et at	30 s	cîh				
H.																

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	Date: 1026/20
	GENERAL SYSTEM NOTES
ler	 Performed general housekeeping (i.e. sweep/ collect trash inside and out, etc.) Yes
	3) Other major activities completed WIPED DOWN-EQUILMENT
	4) Supplies needed
	5) Visitors MONE
A5 Air	r Compressor 1) Oil Level Checked with system unloaded [*] 1) Oil Level Checked [*] 1) Oil Level Checked [*] 1) Oil Level Checked [*] 1) Oil Level Checked [*]
	2) Oil Level with System and and Normal (green) High (orange)
	a) Oil changed Yes No 5) Oil filter changed Yes No 6) Air filler Ohanged Yes No
	7) Oil separator changed Yes

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2.00

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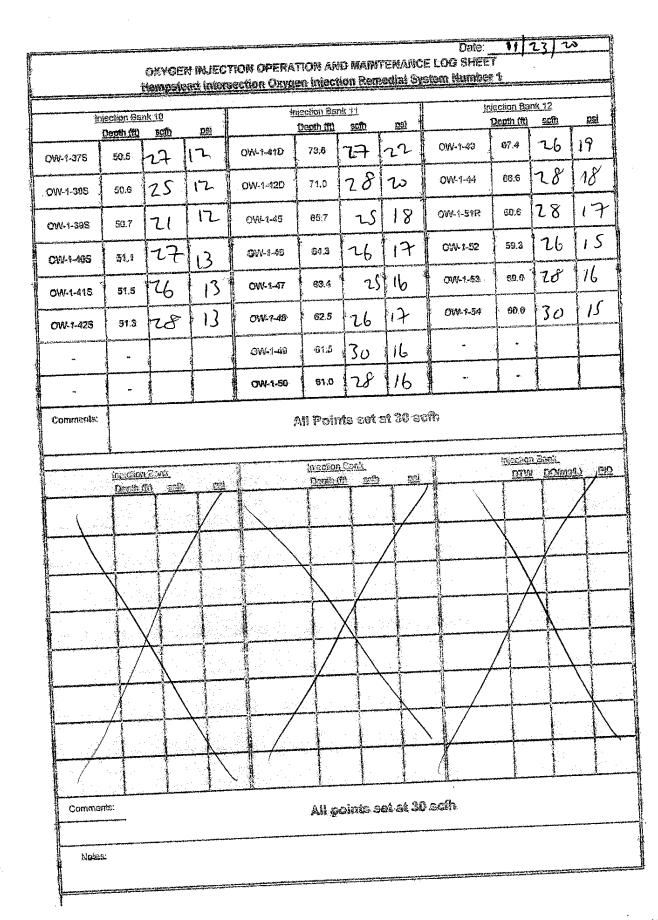
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Q	XYGEN IN	JECTION	OPERATI	ON AND M	AINTEN Remedie	ANCE LO I l System	Number 1 Date:		 	
<u>Bile</u>	mapsteed h	niersecii	OIT UNTRES				Date:	1/23	10	[
		titumi	nor 1					0/8007	201-	
Oxygen Injection Rel	Weather 50's 120's									
Nati Interim Re	Inside Trailer Temperature: Operature: Performed By: Gerge Holmer Compressor (Maesar Rolary Screw)									
Interim Re Project No	Performen By Delay Sensist									
Hogers M	Generalor		1		Compt	essor (el	WERE LEADERS L			
1926							E	14	U (psi)) 🍴
	344	<u>124</u>	þ	Compressor	Tank *					
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eed Air Pressuits *	140	0 (psi	¢ j	Delivens Air						
eco na monana					-0.5		ì	91)(°F)	
- 	High: 7	70 / 7	24 (poi)	Element®	nter Tem	DO NOTIVIE	<u> </u>			
a the star is the starting of the		7/2	/ (psi)				1	5992	(ho	urs)
	Low:	Set-1	73	Running Ho	ours					
Dxygen Receiver Pres	sure "	(05	Same and the second sec				۱.	1062	(ha	surs}
		والموا	-r.	Loading H	jurs				f. 1.	
Oxygen Receiver Tank	k Pressure	i	15	Ì						
(reading from blue tan	HC)			-						
		(P	si)							
Oxygen Purity	8	6.9 0	ercent)	i maximumi i	പംഷണം ര്യാ	rion loading	cycle			
a	loading syste			1. 105331837364-4	CONSTRUCTION CONTRACTOR	Air Te	nk & Eco-Un	rês:	ومشتورة ويستقلوا بيتوجه	
- mannan - conto	r Punp (Po	werer)		<u> </u>			the state of the s		60	M 1
A second s		. Not		Condensa	te Putot	d (PY N) Condens	ate Emp		PR 3
Hours: 15660.	08	operati	onal	100maans				ectios 8a	* 3	
祖			ويكوف فكاردت ويتجارون وتكرف والمحادث	i Injection Ber	*2	「日本		<u>Depth fill</u>		15i
injaction !				Depth (fil)	<u>5150</u>	<u></u>		1	State of Street, Stree	
Certa A						17		89.5 J	32	28
042.4.1 35.5	28	26	NK 4-85	672	26					
1		<u> </u>	-		- 0	17	OW41-100	87.2	26	27
0044.2 99.5	Inc	\land	0142-1-65	67.0	28	11				
011-2 ato	101	F				16	CW-1-11D	.88.1	28	27
CANLA-3 98.8	30	30	041-1-7S	86.9	26			<u></u>		
CAN-1-3 98.3	10						044-1-120	85.3	25	20
MALLA \$5.0	0 28	29	0111-1-85	5 69.7	28	11		<u></u>	{	ļ
OW-1-4 \$5.0	- 1-0	61			<u>}</u>	1	014-1-130	047	28	28
	. 28	28	0141-95	S 66.0	24	17	000-1-100	1	1	<u> </u>
OV1-1-50 93.		20	<u> </u>		4	1		84.1	28	20
	4 28	78	DAL 1-1.E	54.6	26	112	0%%-1-14D	40-n. (.		<u> </u>
01/1-1-80 92	4 20	28		1		-		.83.9	28	20
	125		OW-1-1*	50.1	127	13	OW-1-15D	.63.5	20	
1 000-1-7D 191		28	1 1000-1-1			ļĽ	1		27	\$ I '
<u></u>		1-5	-	25 53.0	128	14	ି	62.5		
25 0W-1-80	36 [2]	128	GW-1-1	and the second					an gala an	
	1	and an and the second	and the second se	All Poi	nie sot	at 30 s	c M			
Comments:				A-11 2-0231						
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Notes:										

	H	empsio	ut Inters	ection Oxyge	in Inject	ion Rem	edial Si	e LOG Sheet stem Mumber			
ju ju	ention Den	<u>k4</u>	1		jeotian Ba		1		iection Ban Depth (#) (<u>1954</u>
	<u>)eoth ((i)</u>	<u>scin</u>	<u>psi</u>	000-1-170	79:5	27	13	OW-1-215		~ 1	11
DWA-1-135	53.1	26	13	OW-1-15D	78,2	28		OW-1-235	119,3	30	ĵ }
944-1-14S	-62.7		17		78.9	112	25	0W-1-23\$	48.8	30	11
OW-1-158	52.2	25	12	OW-1-19D	-	25	<u>i</u>	OW-1-248	48.4	32	<u> </u>
DW-1-16SR	51.6	24	26	OW-1-20D	78.5		26	OW-1-25S	48.6	31	12
OW-1-175	50.7	20	24	OW-1-21D	79.5	17	124	000-1-205			
OW-1-18S	50.2	24	12	GW-1-22D	79.5	26	24	OW-1-265	48.3	25	12
OW-1-195	49.7	of	f	DW-1-23D	78.7	30	24	OW-1-27S	48.3	28	13
GW-1-20S	69.3	Of		OW-1-24D	78.2	24	25	DW-1-265	49.3	24	13
Commente:		<u>i</u>	3 <u></u>	ł	N Poh	nts se t	et 30 s	cfft			
	3			16	Intection	Bank C			Injection I		.) <u>Pl</u> E
	Injection I Depth (f		D 91		Depth		<u>psi</u>		DTW	<u>DOIMB(</u>	1
OW-1-25D	78.1	36	26	QW-1-295	48,5	1-7	- 12	-OW-1-39D	#3.2	28	27
OW-1-26D	78.1	30	25	CIW 1-305	48.6	37	- 12	QVV:1-34D	84.5	30	28
OHV-1-270	77.9	1-	26	OVV-1-315	49.	3 2 8	3 12	OW-1-350	85.0	27	Z
	78.0	26 28	 	OW-5-325	; 49.	3 20	5 17	DW-1-360) 6 5.0	30	2
OW-1-28D					5 49	7 28	3 17	- 014-1-371	5 84.0	, 14	2
-0044-29T						<u>i</u>		OW-1-36	D 021	0 27	1 2
OW-1-301				5 0W-1-35		0.3 Z	8 1	3 OW-1-35	aD 78.	.0 29	7
OW-1-31		<u> </u>		→ 0₩*-1-3		0.3 2	81] ow-1-#	012 76	.0 24	;
OW-1-32		6 Z						<u> </u>		, 1940-24-0 Japan 1940-94	anna dhanna anna anna anna anna anna ann
Commer	ts:				411 A	oinis.s	el Al S	9_295101	1447)-1970-10 ⁻¹⁰		

Oxygen System Number 1 Log Sheet

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n an	Date: 11/23/20
	ENERAL SYSTEM NOTES
والمحربين المحمد ويسمعه والمحرو المراجع ومنتها وترام والمريان والمحروفين والمحروب والمتناب ويستعتنا ومرجون والمحمد والم	ig (i.e. sweep, collect trash inside and out, etc.)
 3) Other major activities completed 	al a 2 file extinavisher.
4) Supplies needed None	
5) Visitors <u>MQ</u>	OPERATIONAL NOTES
 2) Oil Level with system Unloader Low (red) 3) Oil added 4) Oil shanged 5) Oil filter changed 6) Oil filter Changed 7) Oil separator changed 8) Terminal strips checked 	n unioarded)* Yes X No Ilwary Air Pressure is less than 9 psi d Normal (green) X High (orange) Yes No 7 Yes No 7
AS-80 C, Generator 1) Pretiker changed 2) Coaleacing changed	Yes No

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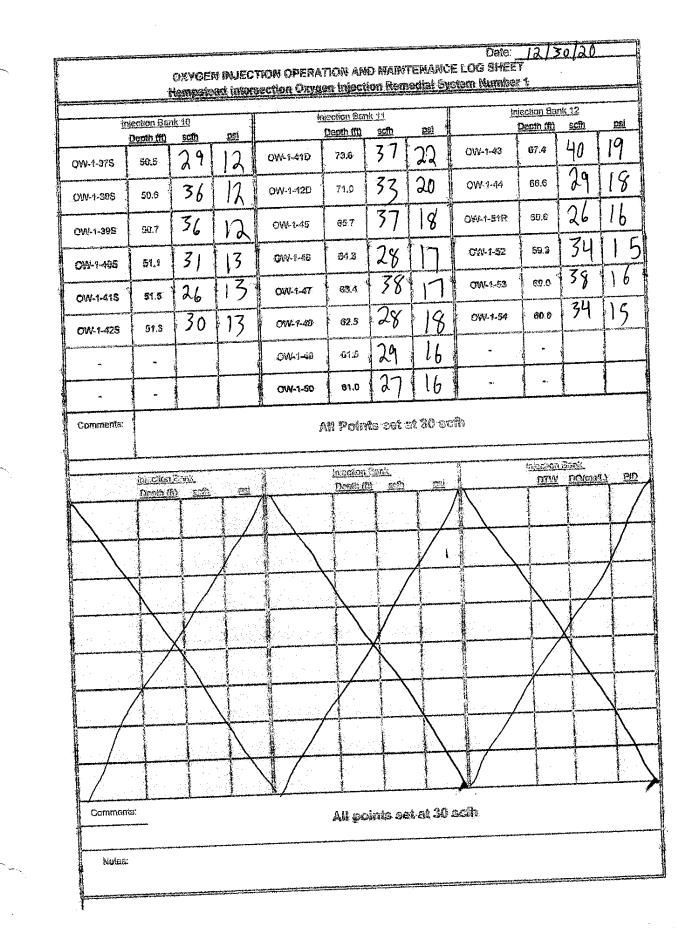
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	ÖX	YGEN IN	UECTIO	N OPERATIO	ON AND N	AINTER Romadi	ianue i Di Suste	m Nymber f					
	Hea	apstead	intersec	nou cycleu	Interations	18278934				120			
Oxygen Injec	tion Rem	edial Svs	tem Nur	nber 1					0700 hh 20s	of Clo	121		
-	Nation	nal Grid				inside T	railer Ter	noerature: (Os of	operat	14		
int	erim Rem sject No.	NECTION ME	asulle _30_1	j.,	Performed By: Grey Vorcens / Tor Compressor (Kaesar Rotary Screw)								
ĻΈ.	<u>oject no.</u> O- Ge	nerajor				Comp	rosser (l	(aesar Rolan	1 Screw	1			
	4		5 NI 7			a Tauli A)	40	(p	si)		
ours			<u>,06</u> 3	C	ompresso	i i dilla							
	4	11	60 👘	sik İE	letimeny Air	6		<u>1</u>	10	(P	si)		
eed Air Press			19-					i	96	rfi)			
	*	ap.	68 1	72 (pa)E	Hement OI	stiet Tan	Detailine	-	10		F)		
yde Pressure (L / R)		\$ ^{•••••}	4	6 (psi)				1	,818	()	nours)		
xygen Receiv	-			THE OWNER OF TAXABLE PARTY.	Running H	ours					1		
vi8a			(F	iai)	a a attinuar lab			1	1,617	Ø	hours)		
)xygen Receiv	er Tank F	nessure		112.5	Loading H	U(1) 31							
reading from b	hie tank)												
				percent)								and the second	
Oxygen Punty			· · · · · · · · · · · · · · · · · · ·	Asine int	* 1712141711.1871-1	reactions with	ning lassilit	g cyclo					
maximum readin	g eining tos Jooster P	eensen (S ² C	woren)				per L	naz 2 Eco-st			مەدەرىي سەريان بېرىزىرىن		
				, t	Condense	nta Di 18776) Condens	ate Emp	tied (Y)	N)		
Hours: 15,6	60 08	- Nor	Opera	ltone 1	Concense	ans t nuðr	~ <u>·</u> ···					-	
	njection Bar		1		njection Ber				Injection Benk 3 Denth (h) Sofh 129				
	Depin (ii)	acth	<u></u>	، پېچىنىچىنىيەر بىرىنىيەر بىرىنىچى بىر	Danothy/fill	<u>580</u>	<u>. 85i</u> 1		1		28		
. :098-1-1	85.5	32	25	924-55	873	3	16	-0%-4-9D		36	27	-	
OW-1-2	20.5	2 Roman	OFE	014-1-05	67.0	38	17	QW4-11-100*	87.2		L		
CAN-1-3	98.2	28	30	OW-1-75	68.9	32	16	0 3 /-1-11D	88.1	33	28	4	
	95,6	27	29	ONI-1-85	65.7	32	17	01/1-1-120	25.3	<u> </u>	26	_	
OW-1-4	\	ļ	28	014-1-9S	\$ <u>9.0</u>	38	18	OW-1-13D	84.7	28	28		
OW-1-SD	93.9	26	1	<u> </u>	1	38	112	0%4-1-14D	84.1	35	29	6	
OW-1-80	92.4	36	28	CW4-1-109	54.6	<u></u>	<u> </u>	011-11-1150	.83.3	35	121	ζ	
077-1-7D	104.1	27	28	.0W-1-14S	50.1	30	13	<u></u>	<u> </u>	1	<u> </u>		
OW-1-80	69.6	30	28	014-1-125	53.6	28	14	092-1-460	62.5	28		2	
Comments:			,		ali Poin	its set i	at 30 s.	cîn -					
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*			م م م		empte	500	11/15						
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		Duygen empstor	I INJECT	ION OPERAT	non an Injest	d Maint Ion Rem	edial Sy	Date: E LOG SHEET stem Mamber	121301		
	iention Ban	<u>k4</u>	1	-tu	jection Ra Deoth (11)		851	4a	ection Ban Haoth (M)	<u>ko</u> 35û	<u>164</u>
0/04-1-135	<u>S3.1</u>	29	<u>1)</u>	OW-1-17D	79.5	40	12	OW-1-215	49.3	34	10
944-1-145	-52.7	32	13	049-1-16D	78.3	32	25	011-1-225	494,S	28	10
QW-1-158	62.2	31	12	OW-1-19D	76.9	54	25	OW-1-23S	48.8	33	10
0W-1-16SR	51.0	33	26	OW-1-20D	78.5	29	26	OW-1-245	48,4	38	10
OW-1-175	50.7	40	24	OW-1-21D	79.5	32	24	OW-1-255	40.8	37	12
OW-1-16S	50.2	27	1)	OW-1-22D	79.5	38	24	CW-1-285	48.3	35	12
OW-1-195	49.7	Point	OFF	OW-1-23D	78,7	40	24	0W-1-275	48.3	30	12
014-1-265	49.3	Point	OFF	0#4-24D	76.2	30	25	0 704-285	49.3	56	13
Contracto		<u>i</u>	3	Ę	ll Poin	nis sei i	n 30-sa	\$ A	<u></u>		
د میں اور میں اور میں اور	injection E			f.	Injection Depth (Daj		Injection F	lank 9 DO(mo/L)	PIC
OW-1-25D	Depth (f) 76.1	40	26	OW-1-295	48,5	36		CW-1-33D	63.2	28	2
OW-1-26D	78.1	34	$\frac{1}{2}$	OW:1-305	48.8	7-		QWI-1-94D	84.5	31	28
N (2011, 1412), 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017, 2017,	77.5	34	26	OW-1-315	49.3	1		OW-1-35D	85.0	34	28
ONV-1-270				044-1-325	49,3	Zn	12	OW-1-36D	85.0	42	42
044-3-260	78.0	<u>5</u>	125	1		7.				34	5
-0141-1-29D		3.	<u>V</u> †					011-365	1 62.0	24	9
OW-1-200						71			78.0		-
OW-1-31) 80.5								D 76.	177	
OW-1-32		a 3	22	1 044-1-20]		k		<u></u>
Comment						inis cc					
Notes	Bonk	4 36	0~1	-185 pres	55une_	2°rse	w.55.1	-) glass	Lover	ל ז	



	Date: 12 30 20
	GENERAL SYSTEM NOTES
<u>Trailer</u>	1) Performed general housekeeping (i.e. sweep, collect trash inside and out, etc.) Yes
	3) Other major activities completed <u>Checked tire extinguisher</u>
	4) Supplies needed Absorbent Pady, gloves all-purpose cleaner for surfaces
	5) Visitors Tom Juhanson
	OPERATIONUL NOTES
GA5 Air (Compressor Yes No 1) Oil Level Checked with system unloaded* Yes No * Unload system, wait until Delivery Air Pressure is less than 9 psi 1001 Level with system unloaded Normat (green) 2) Oil Level with system unloaded Normat (green) High (orange) 3) Oil added Yes No 4) Oil changed Yes No 5) Oil filter changed Yes No 6) Air filter Ohanged Yes No 7) Oil separator changed Yes No 6) Terminal strips checked Yes No
AS-80 C	Operation Yes No 1) Pratiliar changed Yes No 2) Coalescing changed Yes No

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	.4				ATION AND MAINTENANCE LOG SHEET										
	B Hilton A	ve. Hen	ipstead, M	4Y ·				Date	10/2	6120					
Oxygen In	-	temedial ational G	•	Number 2				Time: Weather:		lord ² Clord					
	Interim R	emedial	Measure			Insid		[emperature:	Open	oble	605°F				
· ;	Project N	lo. 1702 Genera		:		Co		erformed By: • (Kaesar Ro			ones				
· · · · ·		Genera		٩			inpi coooli	(1146341110							
Hours			58,07	/	Compres	ssor Tan	K *		110		(psi)				
Feed Air Pres	sure *		122	(psi)	Delivery	Air			110		(psi)				
Cycle Pressur		High:	60		Element	Outlet ⊤	emperatu	re	<u>+67</u>	174	(°F)				
` (L / R) Oxygen Recei		Low: sure *	(Ø (psi) 59	Running	Hours			66,95	5	(hours)				
Oxygen Recei				(psi)	Loading	Hours			58,06	9	(hours)				
(reading from	blue tanl		808	(JU (asi)											
Oxygen Purity		Ø.		(percent)			44								
* maximum readi	* *		^{ae} Powerex)		, SUCCESSION OF REAL PROPERTY OF REAL PR	n reeging (luring londin Air T	ank & Eco-l	Drain	··					
	99,99			ement	Condensate Purged (N) Condensate Emptied (N)										
	njection.Ba	ank 1			Injection B/	ank 2			Injection B	ank 3					
	Depth (ft)	scfh	psi		Depth (ft) scfn psi Depth (ft) scfn										
OW-2-2	90.2	37	28.0	OW-2-9S	75.0	~				29	27.0				
OW-2-3	94.3	38	27.0	OW-2-10\$	75.0	37	30.0	OW-2-11D	100.8	28	32.0				
OW-2-4	94.7	37	28.5	OW-2-11S	76.5	25	10.0	.OW-2-12	94.0	24	18.5				
OW-2-5	95:3	29	29.0	OW-2-135	75.0	30	18.5	OW-2-13D	97.0	Point Off	Point Off				
OW-2+6	95.7	30	30.0	OW-2-15S	75,0	26	18.0	OW-2-14	96.4	28	28.0				
OW-2-7	96.0	26	29.0	OW-2-165	75:5	26	19.0	0W-2-15D	94,6	27	29.0				
OW-2-8	96.3	30	29.0	OW-2-185	74:5	25	18.5	OW-2-16D	94.1	26	25.5				
OW-2-9D	96.7	29	29.5	OW-2-20S	79.0	26	20.5	OW-2-17	95.0	28	28.0				
Comments:	·	1.022		A	III Point	ts set a	t 30 scf	ħ							
Notes: 7	Notes: 70,9% - First oxysen purity reading 80.8% - Second oxygen purity reading														

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	njection Ba	an <u>k 4</u>		<u> </u>	njection Ba	ank 5		Injection Bank 6				
	Depth (ft)	<u>scih</u>	1 <u>05i</u> -S		<u>'Depth (ft)</u>	<u>scfh</u>	<u>psi</u>	·	Depth (N)	1	ps	
OW-2-18D	95.5	30	28.5	OW-2-22S	76.0	16	19.5	OW-2-26D	95.0 •	27	31	
OW-2-19	96.1	30	28.5	OW-2-24S	77.8	12	22.0	OW-2-27	93.5	34	27. '	
OW-2-20D	96.6	22	6.0	OW-2-26S	74.0	17	18.5	OW-2-28D	92.1	10	26	
OW-2-21	96.6	29	27.0	OW-2-28S	76,0	15	J0.0	OW-2-29	92.2	34	27.	
OW-2-22D	96:3	26	21.5	OW+2-30S	67.8	14	160	OW-2-30D	88.0	17	25	
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	10	19.0	OW-2-31	86.0	27	25.	
OW-2-24D	.97.0	POINT	ÖFF	O₩-2-35	69.2	12	20.0	O₩-2-32	84:0	18	24.	
OW-2-25	96.0	Point	Off	OW-2-36	64:8	22	17.0	OW-2-33	82.0	28	24.	
	Injection B		psi		Injection B Depth (ft)				. <u> </u>			
OW-2-37	<u>Depth (ft)</u> 62.8	<u>scfh</u>	190	Q.W-2-45	61_1	22	19.0					
OW-2-38	62.1	10	18.0	.OW-2-46	.610	24	18.5					
OW-2-39	60.0	10	17.0	OW-2-47	60.5	21	18.5					
OW-2-40	61.7	POINT	OFF	_	-			-			-	
O₩-2-241	61.7	10	18.5		-		:			 	-	
OW-2-42	61.6	10	18.5	-	-						-	
OW-2-43	61.4	POINT	OFF	-	-			-	-	-		
OW-2-44R	60.6)0	18.0	-				-	-	-	-	
								fh				

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	Date: 10/26/20
	GENERAL SYSTEM NOTES
<u>Frailer</u>	1) Performed general housekeeping (i.e. sweep, collect trash inside and out, etc.) YesNoNoNoNo
	3) Other major activities completed Wiped Jum surfaces
	4) Supplies needed Nine.
	5) Visitors None.
	OPERATIONAL NOTES
GA5 Air	Compressor 1) Gil Level Oheoked with system unloaded* Yes / No
	*) Gil zever Checked with system unloaded Ites Ites * Unload system, wait until Delivery Air Pressure is less than 9 psi 2) Oil Level with system unloaded Ites 2) Oil Level with system unloaded Ites Normal (green) High (orange) 3) Oil added Yes No 4) Oil changed Yes No 5) Oil filter changed Yes No
	* Unload system, wait until Delivery Air Pressure is less than 9 psi 2) Oil Level with system unloaded 1 Low (red) 3) Oil added Yes 4) Oil changed Yes 5) Oil filter changed Yes 6) Air filter Changed Yes 7) Oil separator changed Yes

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		OXY	GEN INJ	ECTION	OPERATION on Oxygen Inj	AND MA jection R	tin i ENA temediat	System	Number 2		3 20	1	
	158 Hilto	Hemp	Isteau In	id, NY		واسترينية				0800	s w		
-	158 Hillo cygen Injectio	n Ave. T n Remer	tial Svste	ern Numb	oer 2			١	Time: Neather: 🚺	no bui	5		
Ox		Nationa	l Guo		1	100	neide Trei	iler Temi	perature:	overm	500		
	Interit	n Reme	dial Meas	sure				Perfo	med By:	MIKE	Juneop		
	Proje	ct No. 17 O ₂ Gen	702897-3	0-1		and Angen Martin Contractor Con	Compre	ssor (Ka	esar Rotary	Screw)			
		O ₂ Gen		<u></u>					11	110			
lours	i			32		pressor	fauk -			5	(psi	i)	
eed	Air Pressure	*		2(psi)	' . 1	very Air		orature	_	167	(°F)	
	e Pressure * _ / R)	Hig) Low			2 (psi) Eler			6, 61010	67	4630	(hc	ours)	
_) Oxvd	jen Receiver	Pressure	∍*			ning Ho	uis			8691			
				(ps	i)	ading Ho	urs		3	8671	(he	ours)	
Oxyg	gen Receiver	Tank Pr	essure	11	25	adung maa	 -						
read	ding from blu	e tank)											
			Ci		secont)								
Оху	gen Purity		<u><u> </u></u>	1.7 (pr	5105Ur) **m	aximum re	ading durir	ng kaading	cycle				
",ma		duringioas	ting cycle	NORDA)				Air Ta	nk & Eco-Dia				
			imp (Por	wereaj) Condens	ate Empl	ieď (Y)	N)	
	999	.99				ondensat	te Purgeo						
HO	Co Sec A	1115	10 60	replac	<u>co</u> .	ection Banl	k2	1		jection Bar		<u>psi</u>	1
	inte	CION DAN	<u>n_1</u>	1	D	epth (ft)	ecfh	<u>psi</u>		<u>Depth (ft)</u>	scfh		
	0W-2-2	90.2	<u>sofh</u> 32	<u>29</u>	OW-2-9S		32	10919	OW-2-10D	97.2		26.5	
-	OW-2-3	94.3	36	26	OW-2-105	75.0	34	30	OW-2-11D	100.8	38	31	
	OW-2-4	94.7	28	23	OW-2-115	76.5	30	8	. OW-2-12	94.0	38	23:5	
	OW-2-5	95.3	30	29	OW-2-13S	75.0	30	18	OW-2-13D	97.0	Pank	<u> </u>	ų.
	000-2-5				011 0 455	75.0	36	18	OW-2-14	96.4	32	28	, 1
	QW-2-6	<u>9</u> 5.7	28	30	OW-2-155	75.5	36	18.5	OW-2-15D	94.6	32	29	
	OW-2-7	96.0	34	29	OW-2-16S	74.5		18		94.1	31	26	_
	CW-2-8	96.3	32	29	OW-2-18S	<u> </u>		_ <u></u>		95.0	32	28	ł į
والمحادثة والمحادثة	OW-2-9D	96.7	34	29	OW-2-20S	79.0	38	20.			106		
	l					All Poir	nts set :	at 30 s	cfh				
	Comments:												
-													
	}												
	Notes:												
	li li												
													-

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	-	OXYG	IN INJ	ECT	ON OPERA	TION A en Injec	ND N etion	AINT Rem	ENA) edial	NCE I Syste	LOG SHEET em Number	2				
	ł	lempsi	eau H	nerse							Ini	ection Ba	n <u>k 6</u>			
	ection Ba					Injection Depth (it		<u>A</u>	psi		Depth (fi) soft psi					
Y 0W-2-18D	<u>)epth (ft)</u> 95.5	<u>soith</u> 30	29	- 1	OW-2-22S	76.0	4	4	19		OW-2-26D	95.0	26	31		
	98.1	36	28	<u> </u>	OW-2-24S	77.8	3	6	23		OW-2-27	93.5	34	27.		
OW-2-19		38			OW-2-26S	74.0	13	8	18.:	\leq	OW-2-28D	92.1	28	26		
OW-2-20D	96.6	<u></u>	2	∦-	OW-2-28S	76.0	_ +	10	20		OW-2-29	92.2	34	27		
OW-2-21	96.6	34			OW-2+305	67.8		40	16	<u> </u> -	OW-2-30D	88.0	40	25		
O₩-2-22D	96:3	30	-+		 OW-2-34	71.0		12	19		OW-2-31	86.0	34	2		
OW-2-23	97.2	POIN		DFF		69.	<u></u>	<u>-4</u> 0	2		OW-2-32	84.0	46	24		
OW-2-24D	97.0	POI		OFF	OW-2-35	64		<u>70</u> 34	┥	.5	OW-2-33	82.0	32	24		
QW-2-25	96.0	901	N I	4P	O₩-2-36		1		1			<u></u>				
Comments:						All Po	oints	set	at 30) sci	ĥ					
an a		open to a stress of the	a de la constante de la const								1					
	Injection	Bank 7	n.	psi			ion Bai th (ft)	n <u>k 8</u> scfr	<u> </u>	<u>osi</u>				<u> </u>		
OW-2-37	Depth 62		<u>m</u> 8	19		5 6	1.1	38	4	20						
0002-07					 OW-2-4	OW-2-45 61.		0 32		18						
OW-2-38	62	1 3		19			60,5	3	-+-	19						
OW-2-39	60	0 3	87	18	OW-2-	47				•]						
OW-2-4) 6	1.7 P	OINT	OFI	-											
OW-2-2	f1 6	1.7 2	12	19	-		-									
.OW-2-	12 6	51.6	44	18	.5 -	7 17	-		 							
- OW-2-	1		· 01	F		-				-		-	-			
OW-2-4	OW-2-44R 60.6 66			1	9	-	-				-		-	-		
Comm	≘nls:				<u></u>	A	l po	ints	set a	t 30	scfh					

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			Date:	
	CENE	RAL SYSTEM NOTES		
			à	
railer	1) Performed general housekeeping (i.e Y	. sweep, collect trash inside es	and out, etc.) No	
	 Performation general conditions observed (e.g. V 	randalism)		
	 Other major activities completed 			
ſ	3) Other major addresses and			
İ				
	4) Supplies needed	ه بروی ان شوری از می از این از این بروی وی اور این از این از این از این از این از این از این از این از این از ا این از این از		
	5) Visitors			······································
1	5) Visitors			
<u></u>	0	PERATIONAL NOTES		
CAE A	r Compressor		res No	
GAD A	r Compressor 1) Gil Level Checked with system unli * Unload system, wait until Delivery * Unload system, wait until Delivery	Air Pressure is less than ^g	psi	
	withland evetern Wall until Deliver:	,		
	2) Oil Level with system unloaded	Normal (green)	High (orange) No	-
l.		Yes	No	
l	3) Oil added	Yes	No	-
	4) Oil changed	Yes	No	
	5) Oil filter changed 6) Air filter Changed	Yes	No No	-
	7) Oil separator changed	Yes	No	
	8) Terminal strips checked	Yes		
1	0 O ₂ Generator		No No	
	1) Prefilter changed	Yes	No	

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	OXY	GEN INJ	ECTION C	DPERATION n Oxygen In	I AND WA	emedial	System I	lumber 2	utza		
	Hemn	stead m	rtersection	n Oxygen In	jection K				400		-1
159.46	Lon Aven	amoster	30, 14 1	4				Time: 08 eather: 405	20		
Oxygen Injec	fon Remed	lial Syste	era Numbe	er 2			W	eather: 405	<u>, Kain</u>		
	Mationa				in	ide Trai			-AA . 1.11		ष्य
lete	erim Reme	dial Mea	sure	1	113	5106 1101	Perform	ned By: C. esar Rotary S	taye	>	
	ject No. 1	702897-3	30-1		and the second second second second second second second second second second second second second second second	Compro	seor (Kae	sar Rotary S	icrew)		
FΠ	O ₂ Gen	erator	and the second second second second second second second second second second second second second second second			voinpre			-		
	<u> </u>							10	ł	(psi)	
		59	<u>236</u>	Cor	mpressor	ank -					
Hours		24	000					110	0	(psi)	
		61	<u>)7 (psi)</u>	De	livery Air			<u></u>		'	
Feed Air Pressu	4e *	<u></u>	$\underline{II}_{(\mu^{s})}$	1					. /	(°F)	
			.		ement Out	et Temp	erature	17	<u>EL</u>	(-)	
	* Hig	h: 5	91 6		ement Out	etione					
Cycle Pressure	-		8 1	(psi)				17	<u>7,13</u> 3	(ho	urs
(L/R)	Lov			9 RI	Inning Hol	'i's					
Oxygen Receiv	er Pressur	e*			-			-0	<u>154</u>	(ho	
0,,,90			(psi)	ملاسم الم	ure.		57	<u>15-</u> 1	(110	uis
		ressure			oading Ho	-u,-					
Oxygen Receiv	(e) 1600 - 1-2	000-		00							
(reading from I	olue tank)		(ps								
		~	(ps								
Oxygen Purity		8	2.0 (pe	ercenty	nananimum . FE	ลด์เกต ชนท่	ng inading o	ycie			
maximum readi	ain diaring (OB	ding cycle			ABBELANDALIONA (SE	21001.2	Air Tan	k & Eco-Dra	in		
maximumreen	Booster P	umn (PC	werex)							60	
li	BOOSIELL	J Com	ter ner	eds to	Condensa		N(Y)N)	Condensa	ite Empti	eU	N)
ge qu	19.99	* Carri	cepla co	ed +	Condensa	e Puige					
Hours:	1.11	<u></u>					<u>l</u>		ection Ban		p
	Injection.Bar		Ţ	l	njection Ban		psi		epth (ft)	scfh	<u>P</u>
		sch	psi		Depth (ft)	<u>scfh</u>			97.2	26	2
1	Depth (ft)				75.0	26	20.0	OW-2-10D	91.2	20	<u>a</u> .
	90.2	28	30.0	OW-2-9S	10.4	20	<u> </u>			26	21
0W-2-2						~0	30.D	OW-2-11D	100.8	35	36
\		29	23.5	OW-2-10S	75.0	28	3010				10
OW-2-3	94.3	d	0.1.		++		16	OW-2-12	94.0	24	19
		1.1	AC N	OW-2-11S	76.5	25	7,5				
OW-2-4	94.7	25	35.D	0112	1		L		97:0	Point	1
		<u> </u>	+ . 1		75.0	29	18.5	OW-2-13D	37.0	FORM	Ľ
	95.3	26	29.0	OW-2-13S	70.0	0	10	ļ	+	102	2
OW-2-5	00.0			·		55	18.5	OW-2-14	96.4	27	ϕ
		ี ไก่ไ	20 1	OW-2-15S	75.9	100	10, 5	L		+	Ť.
OW-2-6	95.7	27	20.0	1		+	IAN	. OW-2-15D	94.6	28	
1		_		OW-2-165	75.5	120	19.0	. 000-2-100	1	100	╧╋╼
OW-2-7	96.0	26	29.0	1. 0.00		.i			94.1	24	
000-27					74.5	23	18.5	OW-2-16D	94.1	0	
	06.2	26	29.5	OW-2-188	5 74/3	00				1.11	
OW-2-0	3 96.3	00			-+	Lau1	205	OW-2-17	95.0	24	
·		120	29.0	OW-2-20	s 79.0	24	001-				L
OW-2-9	96.7	29	01.0								
L					All Poi	nts set	at 30 s	CIU			
F	nts:				J-11, J 470						
Comme	11.3.										
1											
1											
1											
Note	:										
11 "NOVE											

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	1	lempste	ad in	terse	ction UXY9	err nijec	801	Keme	CIAL SYS	E LOG SHEE	njection Ba	nk 6		
in	jection Ba					njection B Depth (ft)		九	psi	Deptin (ft) soft p				
T	<u>Depth (ft)</u>	<u>sofh</u>	29.		OW-2-22S	76.0	T		9.5	OW-2-26D	95.0	25	32.0	
OW-2-18D	95.5	24	<u> </u>		OW-2-248	77.6	2		24.0	OW-2-27	93.5	28	28.0	
OW-2-19	96.1	0. 1	29. T		OW-2-26S	74.0	3		19.0	OW-2-26D	92.1	28	27.0	
OW-2-20D	96.6	25	5.0		······	76.0			20.0	OW-2-29	92.2	29	27.5	
OW-2-21	96,6		27.		OW-2-28S	67.8			16.0	OW-2-30D	88/0-	27	25.5	
OW-2-22D	96.3	32	27	.0	OW-2-30S		+	28	19.0	OW-2-31	86.0	27	26.0	
O₩-2-23	97.2	POINT	· c)FF	OW-2-34	71.0	<u>_</u>		21.0	OW-2-32	84.0	26	24.0	
OW-2-24D	97.0	POIN		OFF	OW-2-35	69.2		+			62.0	100	25.0	
Q\V-2-25	96.0	Poin	10	FF	OW-2-38	64.1	3	30	17,5	010-2 00	_1	101		
Comments:						All Po	ints	seta	at 30 s	cfh				
and any other states of the state of the sta	j.					Injecti		ok 8		1				
	Injecijo Depth	n Bank 7 (ft) scf	h	<u>psi</u>		<u>Dept</u>		<u>şcîn</u>	<u>psi</u>			1		
OW-2-37	62		0 1	9.5	QW-2-45	5 6	1.1	32	19.	5				
OW-2-36	62	1 2	8	19.0	0W-2-4	6 6	61.0 3		2 18,	5				
		0.0 3	2	17.5	OW-2-4	47 E	50,5	30	2 19	,0				
OW-2-3	9 0													
OW-2-4	0 6	1.7 PC	TNIC					+						
Q₩-2-2	41 6	31.7	32	19.0	2 -									
OW-2-	42	61.6 d	27	19.	0 -		-							
OW-2	OW-2-43 51.4 POINT						-				· 			
 OW-2-		60.6	19	.0 -	1	-				-	-	- 1		
Comr					II	ـــــــــــــــــــــــــــــــــــــ	n0	ints :	set at 3	0 scfh				
Comm						AI	i hn							

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	Date: 12/14/20
\sim	GENERAL SYSTEM NOTES
	Trailer 1) Performed general housekeeping (i.e. sween, collect trash inside and out, etc.) Yes No 2) Abnormal conditions observed (e.g. vandalism) No ne 3) Other major activities completed Usekeed Fice Extinguisker (Good)
	3) Other major activities completed 4) Supplies needed None 5) Visitors Nane
	OPERATIONAL NOTES
	GA5 Air Compressor Yes 4) Oil Level Checked with system unloaded* Yes * Unload system, wait until Delivery Air Pressure is less than 9 pst 2) Oil Level with system unloaded Low (red) Yes 3) Oil added
	3) Oil added res No 4) Oil changed Yes No 5) Oil filter changed Yes No 6) Air filter Changed Yes No 7) Oil separator changed Yes No 8) Terminal strips checked Yes No
<i>r</i>	AS-80 O ₂ Generator Yes No 1) Prefilter changed Yes No 2) Coalescing changed Yes

	Interim Project	Remedia	Grid al Measu 2897-30	n Number 1 re				Date: Time:	67	1/24/20	
Hours Feed Air Press Cycle Pressure (L / R)	Interim Project	National Remedi No. 170	Grid al Measu 2897-30		1				- 0,	000	
Hours Feed Air Press Cycle Pressure (L / R)	Project	No. 170	2897-30	ne				Weather:	PAN	,905,0	VERLASI
Hours Feed Air Press Cycle Pressum (L / R)				.1	k	Ins	ide Traile	Performed By:	of	TRABLE	
Feed Air Press Cycle Pressum (L / R)			ator		ŕ –	C	ompress	or (Kaesar Rol	ary Sc	rew)	AN
Cycle Pressum (L / R)			30910		Compr	ressor Ta	inik *		140	,	(psi)
(L/R)	swe *		140	(psi)	Deliver	ry Ain			140	>	(psi)
Ovvren Recei	9 *	High: Low:	70	72 (psi) 4 (psi)	Elemei	at Outlet	Tempeta	iture .	193		(°F)
oxygen necen	ver Pre		<u>-</u>	72_ (psi)	Runnin	ng Hours			1139	3	(hours)
Oxygen Receiv reading from b			ure:	_115	Loadin	g Hours			7950	>	(hours)
Oxygen Purity			84.0	(psi) _(percent)							
maximum readin		-	Powere	0	* maximu	im reading	during load	ding cycle Tank & Eco-Dr	min		
and the second designed and the second second second second second second second second second second second s							A		C0015		
lours: 156	60.0		Non ole	intsurul	Conder	nsate Pur	rged (V)	N) Condens	ate En	uptied()	dIN)
	ection B		anti.	35	niection E Depth (h		zani	di.	ection B Depth (fit		ing
:OW-11-31	95.5	28	26	10W-11-55	67.3	60	18	0w-1-90	\$8.5	32	28
OW-1-2	96.5	Park	OFF	OW-1-65	67.0	48	18	OW-1-10D	67.2	28	25829
OW-1-3	96.3	32	30	OW-1-75	-66:9	42	17	OW-1-11D	86.1	32	29
OW-1-4	95.0	26	30	OW-1-85	66.7	30	18	OW-1-12D	85.3	28	28
OW-1-50	93,9	3,6	29	OW-1-95	66.0	30	18	OV41-130	84.7	30	28
OW-1-6D	92.4	28	29	OW-1-105	54.6	28	13	OW-1-14D	84.1	32	28
OW-1-7D	-01.1	30	28	·OW-1-145	54.1	30	14	OW-1-15D	83.3	36	28
OW-1-8D	89.6	30	29	OW-1-125	53.6	38	15	OW-1-16D	82.5	28	13
Comments:				A	Point	s set a	t 30 sci	h			
Notes:	W P. 1994										

		OXYG	EN INJE	CTION OPER	ATION A	ND MAI	TENAN	Date CE LOG SHE	ET 4	1/24/20	2
				rsection Oxy							
	Injection I	and a second second second second second second second second second second second second second second second	051		Injection 1 Depth (I	and the second second	DSI	1	Injection I Depth (fi		23
OW-1-13S	53.1	28	13	OW-1-17D	79.5	36	13	OW-1-215	49.3	34	11
DW-1-145	52.7	24	14	OW-1-180	78.3	30	26	OW-1-225	49.3	28	11
OW-1-15S	52.2	30	13	OW-1-19D	78.9	38	26	OW-1-23S	48.8	38	11
OW-1-16SR	51.8	30	26	OW-1-20D	79.5	36	26	OW-1-24S	48.4	31.32	10
OW-1-175	50.7	26	24	OW-1-21D	79.5	3434	25	OW-1-25S	48.8	34	12
OW-1-18S	50.2	30	12	OW-1-22D	79.5	40	24	OW-1-26S	48.3	34	3
OW-1-19S	49.7	POINT	OFF	OW-1-23D	78.7	34	25	OW-1-27S	48.3	38	13
OW-1-205	49.3	ROINT	off	OW-1-24D	78.2	32	26	OW-1-28S	48.3	30	13
alfonanta di situ ang pang pang pang pang pa	Injection E				Injection B				Injection E		
OW-1-25D	<u>Depth (fi</u>	1		OW-1-295	Depth (ft) 48.5	1	PSI	OW-1-33D	83,2	DO(ma/L)	ľ
		34	26			36	12		03.2	30	28
OW-1-26D	78.1	36	26	OW 1-305	48.8	34	13	QW-1-34D	84.5	32	29
OW-1-270	77.9	32	27	OW-1-31S	49.3	30	13	OW-1-35D	85.0	32	28
OW-1-26D	78.0	30	26	OW-1-325	49.3	28	12	OW-1-36D	65.0	38	29
DW-1-29D	78.4	34	26	OW-1-335	-49.7	32	13	OW-1-37D	84.0	38	28
1		1	311	OW-1-345	50.1	32	12	OW-1-36D	82.0	28	27
OW-1-30D	79.0	22	JAN			and the second se					
DW-1-30D DW-1-31D	79.0 80.5	22 POINT	off.	OW-1-355	50.3	32	13	OW-1-39D	78.0	28	26
				OW-1-35S OW-1-36S	50.3 50.3	32 38	13	OW-1-39D OW-1-40D	78.0 76.0	28 36	
OW-1-31D	80.5	PDINT	OFF	OW-1-36S	50.3		13	OW-1-40D			26 26

		OXYGI	EN INJEC	CTION OPER/	ATION A	ND MAII	TENANC	Date: CE LOG SHE	ET	124/20	6.9 8. 6. 6. 6. 6. 6. 6 .
		Hompst	ead Inte	rsection Oxyc	ten Injec	tion Rea	medial Sy	stem Numbe	or 1		
1	Injection Ba			1	njection Da	mk 11		1	niection B	ank 12	
	Depth (市)	scih	psi		Depth (ft)	sch	psi		Depth (ft	<u>scîn</u>	p
OW-1-375	50.5	30	12	OW-1-41D	73.6	34	22	OW-1-43	67.4	32	20
OW-1-385	50.6	38	13	OW-1-42D	71.0	30	20	OW-1-44	66.6	32	18
OW-1-395	50.7	30	12	OW-1-45	65.7	30	19	OW-1-51R	60:6	34	16
OW-1-405	51,1	34	14	OW-1-46	64.3	32	18	OW-1-52	59.3	34	16
OW-1-415	51.5	40	14	OW-1-47	63.4	38	17	OW-1-53	69.0	30	16
OW-1-425	51.3	32	13	OW-7-48	62.5	30	18	OW-1-54	60.0	30	16
- (-			OW-1-49	61.5	28	16	-	-		
-	-			OW-1-50	61.0	28	16	-			
	loinction Br Danib (fi)	anik. anih	<u></u>		Depth (ft)	ank. acth	nni		niechon P <u>DTW</u>	onk DO(mn/L)	PI
									-		
										-	
		1	1	a come of the second seco		Autor disertations	and the second s	and the second design of the s			
			-								
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:ommenta:				All	points	set at	30 scfn				
comments:				AII	points	setat	30 scfh				

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-				Hisection Oxy	gen Inje	ction Re	medial S	äystem Numl Date	: 5	13/20	
Oxygen		National		Number 1			12.2	Time Weathe	r: 60's	800 P Chu	
1			2897-30-		L	Insi	de Traile	r Temperature Performed By		CP ENAS	
	A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE	D ₂ Gener	AND ADDRESS OF THE OWNER OWNER OWNER OF THE OWNER OWNE			Co	ompress	or (Kaesar R			
Hours			31254	_	Compre	essor Ta	nk *		137	_	(psi)
Feed Air Pre	ssure *		137	_(psi)	Deliver	y Ain			140	_	(psi)
Cycle Pressi (L / R)	me *	High: Low:	70	72 (psi)		t Outlet	Tempeca	lure	190		(°F)
Oxygen Rec	eiver Pre			72	Running	g Hours			11763	7	(hours
Owner Des				(psi)							
Oxygen: Reco (reading from			ne	112	Loading	Mours			8199	•	(hours
			~	(psi)	Ì						
Oxygen Purit maximum read		landing	86.9	(percent)							
maximon read	Statements and statements and statements	No. of Concession, Name	Powerex	:)	(" maximu	m reading	during load	ling cycle Tank & Eco-l	Orain		
Hours:15	660.	08 N	ind Obar	tional	Conden	sate Pur	rged 👌 /		nsate Em	ptied (DIN)
	Injection E Depth (it	and an even) Janji		Depth (ft)		gani		Injection B Depth (ft)		roni
iOWV-st-st	95.5	30	26	XOW-11-65	67.3	36	18	10W-11-910	86.5	34	28
OW-1-2	96.5	POINT	off	OW-1-65	67.0	22	18	OW-1-10D	87.2	30	27
OW-11-3	96.3	32	30	0W-1-75	·66;9	30	17	-OW-1-11D	.96.1	32	29
OW-1-4	05.0	32	30	OW-1-85	66.7	34	18	OW-1-12D	85.3	36	28
OW-1-5D	93.9	38	29	OW-1-95	66,0	34	18	OW-1-13D	84.7	30	28
OW-1-6D	92.4	34	29	OW-1-1.0S	54.6	30	13	OW-1-14D	84.1.	36	28
OW-1-7D	101,1	30	28	OW-1-145	54.1	34	14	-0W-1-15D	63.3	32	28
OW-1-6D	69.6	32	29	OW-1-125	53,6	40	15	OW-1-16D	82.5	26	14
Comments:				A.	l Point	s set a	t 30 sci	h			
Notes: 7 20			cs 1+3 s \$2+4						an de Annel I an a subre		

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				CTION OPER/					ET	15/20	
		Hemps	tead Inte	rsection Oxy	ion Inje	ction Re	medial S	vstem Numb	er 1		
	Injection I	the second second second second second second second second second second second second second second second s	DE	1	Injection 1	CONTRACTOR OF THE OWNER	20	1	Injection I Depth (I	all all addresses	123
OW-1-13S	53.1	32	13	OW-1-17D	79.5	20	13	OW-1-215	49.3	30	1
OW-1-145	52.7	32	14	OW-1-16D	78.3	30	26	OW-1-225	49.3	28	11
OW-1-15S	52.2	30	13	OW-1-19D	78.9	40	26	OW-1-23S	48.8	32	11
OW-1-16SR	51.8	32	26	OW-1-20D	79.5	32	26	.OW-1-24S	48,4	32	111
OW-1-175	50.7	34	24	OW-1-21D	79.5	32	25	OW-1-25S	48.8	30	12
OW-1-18S	50.2	34	12	OW-1-22D	79.5	28	24	OW-1-26S	48.3	30	13
OW-1-19S	49.7	Painti	off	OW-1-23D	78.7	36	24	OW-1-27S	48.3	32	13
OW-1-205	49.3	POINT	OFF	OW-1-24D	78.2	30	26	OW-1-28S	48.3	28	13
	Injection &	And a state of the	DSI		ninction F		DSI	1	Injection E) PIC
OW-1-25D	78.1	30	26	OW-1-295	48.5	28	1/2	OW-1-33D	83.2	30	28
OW-1-26D	78.1	12	26	OW-1-305	48.8	28	13	OW-1-34D	84.5	32	29
OW-1-270	77.9	16	27	OW-1-315	49.3	28	13	OW-1-35D	85.0	32	28
OW-1-28D	78.0	28	26	OW-1-32S	49.3	26	12	OW-1-36D	85.0	36	29
		11	2.	OW-1-335	49.7	2.1	13	OW-1-37D	84.0	22	28
DW-1-29D	78,4	26	26		40,7	24	15			Contraction of the second	
DW-1-29D DW-1-30D	78,4	26	31	OW-1-34S	49,7 50.1	24 24	12	OW-1-36D	82.0	30	27
								OW-1-38D OW-1-39D	82.0 78,0	30 32	27
DW-1-30D DW-1-31D	79.0	26	31	OW-1-34S	50.1	24	12				26
DW-1-30D	79.0 80.5	26 P>1/0T	31 OFF	OW-1-34S OW-1-35S OW-1-36S	50.1 50.3 50.3	24 26	12 13 13	OW-1-39D OW-1-40D	78,0	3z	1

Mental Inclusion and			iead inte	rsection Oxy	ten Inie	ction Re	medial S	vstem Numbe	071		
	Injection B Depth (it)			. 1	njection B			1	niection B	a a a a a a a a a a a a a a a a a a a	
OW-1-375	50.5	32	12	OW-1-41D	<u>Depth (ff</u> 73.6	36	22	OW-1-43	67.4	34	20
OW-1-385	50.6	30	13	OW-1-42D	71.0	30	20	OW-1-44	66.6	28	18
OW-1-39S	50.7	28	12	OW-1-45	65.7	30	19	OW-1-51R	60.6	32	1
OW-1-405	51.1	30	14	OW-1-46	64.3	32	18	OW-1-52	59.3	32	16
OW-1-415	51.5	34	14	OW-1-47	63.4	28	mg17	OW-1-53	69.0	28	11
OW-1-425	51.3	30	13	OW-1-48	62.5	28	18	OW-1-54	60.0	36	16
-	-			OW-1-49	61.5	28	16	-	- ,		
-	-			OW-1-50	61.0	28	16	-	-		
The second second second second second second second second second second second second second second second s			trai (And and and and and an an an and an and an and an and an and an and an and an and an and an and an and an an an	Donih (18	incity.					
	Ininction 3 Daoth (it)	anis. acite			iniaction B	traine and	1		Injection B	konk.	
						-			DTW	DO(ma/L)	(Ch
										Connext 1	er
commente:					points		30 scf				

				CTION OPER				CE LOG SHE lystem Numb			
Oxygen	Interim	Remedi National Remedi	al System	Number 1 e			ide Traile	Date Time Weather Temperature Performed By	605	117/20 SOD SUD SUNN DERAGI LE DU	M LE
		2 Gener	Contraction of the section of the se		f	C		or (Kaesar Ro			MUIN
Hours			3180	8	Compr	essor Ta			135		(psi)
Feed Air Pre	ssure *		135	(psi)	Deliver	y Air			140	<u>-</u>	(psi)
Cycle Pressu (L / R)	nie *	High: Low:	10	72 (ps)		nt Outlet	Temperar		189		(°F)
Oxygen Reco	eiver Pre	essure *		to (jaci)	-	g Hours		t	237	2	(hours)
Oxygen Reco reading from				115	Loadin	g Hours			8603	2	(hours)
Oxygen Purit		londing o	presentation in the second and	(psi) (percent)	. movim	una canadia -					
	The lot of the lot of		Powerex)	majorni	an reading	during lood	Tank & Eco-D	Irain		-
Hours: 15	660.0		NON OPE	rmowip.	Conder		rged	March	sate En	nptie	§/N)
	Deplih (t)		imi	<u> </u>	Paulb (ani (Depth (fi		psi
•OW-11-51	95.5	26	26	10W-11-5S	67.3	2	18	/0W-1-9D	88.5	36	28
OW-1-2	96.5	POINT	OFF	OW-1-6S	67.0	40	18	OW-1-100	67.2	34	27
GW-1-3	96.3	32	30	0W-1-7S	·66:9	28	17	OW-1-11D	.96.1	36	29
OW-1-4	95.0	28	30	OW-1-85	66.7	34	18	OW-1-12D	85.3	42	28
OW-1-5D	93.9	42	29	OW-1-85	66.0	34	. 18	OW-1-13D	84.7	32	28
OW-1-6D	92.4	32	29	OW-1-1.0S	54.6	30	13	OW-1-14D	84.1	36	28
@W-1-7D	401.1	44	28	OW-1-115	-54.1	30	14	OW-1-15D	83.3	40	28
OW-1-8D	69.6	34	28	OW-1-125	53.6	32	15	OW-1-16D	82.5	28	14
Comments:				A	ll Point	is set a	t 30 sci	h			
Notes:		danninis ann an suige ann a					*****	an an an an an an an an an an an an an a			

				CTION OPER/						1 1-	
en bere angelik Sina nangana dalamatan		rienges	dead inte	rsection Dity	omure	CUON NO	medial S	istem Numb	er 1		
	Injection (******	1	Injection F	Bank 5	1		Injection I	Bank 6	
	Depth (f	<u>i) ncih</u>	DSI		Depth (it	<u>i som</u>	psi i		Depth (t) <u>sofn</u>	ps
OW-1-13S	53.1	30	13	OW-1-17D	79.5	36	13	OW-1-21S	49.3	38	11
OW-1-145	52.7	30	14	:0W-1-16D	76.3	30	25	OW-1-225	49.3	34	11
OW-1-15S	52.2	28	13	OW-1-19D	78.9	32	26	OW-1-23S	48.8	32	n
OW-1-16SR	51.8	28	26	OW-1-20D	79.5	38	26	OW-1-24S	40.4	32	11
OW-1-175	50.7	26	24	OW-1-21D	79.5	36	25	OW-1-25S	46.8	30	12
OW-1-18S	50.2	32	12	OW-1-22D	79.5	28	24	OW-1-265	48.3	32	13
OW-1-195	49.7	POINT	OFF	OW-1-23D	78.7	44	24	OW-1-27S	48.3	30	13
OW-1-205	49.3	POINT	OFF	OW-1-24D	78.2	40	26	OW-1-28S	48.3	30	13
	niection B Depth (fi)		<u>psi</u>		Injection B Depth (ft)		PSI		Injection E	DO(mg/L)	
OW-1-25D	Depth (ft) 78.1	1	<u>psi</u>		Depth (ft)	<u>acth</u>	1		DTW	DO(mg/L)	1
		36	26	OW-1-295	48.5	34	12	OW-1-33D	83.2	32	28
OW-1-26D	78.1	1 2.1	21	OW-1-30S	48.8	34	13	QW-1-34D	84.5	32	29
		34	26								
OW-1-270	77.9	<u> </u>	27	OW-1-31S	49.3	30	13	OW-1-35D	85.0	30	28
OW-1-27D OW-1-28D				OW-1-31S OW-1-32S	49.3 49.3	30 36		OW-1-35D OW-1-36D	85.0 85.0	30 38	
	77.9	42	27			·	13				29
OW-1-28D	77.9 78.0	42 32	27 26	OW-1-32S	49.3	36	13 12	OW-1-36D	85.0	38	29 28
OW-1-28D DW-1-29D	77.9 78.0 78.4	42 32 36	27 26 26	OW-1-325 GW-1-335	49.3 -49.7	36 44	13 12 13	OW-1-36D OW-1-37D	85.0 84.0	38 36	29 28 27
0W-1-26D DW-1-29D OW-1-30D OW-1-31D	77.9 78.0 78.4 79.0	42 32 36 30	27 26 26 32	OW-1-32S GW-1-33S OW-1-34S	49.3 -49.7 50.1	36 44 32	13 12 13 12	OW-1-36D OW-1-37D OW-1-38D	85.0 84.0 82.0	38 36 30	29 28 27 2 1
OW-1-26D OW-1-29D OW-1-30D	77.9 78.0 78.4 79.0 80.5	42 32 36 30 Pant	27 26 26 32 UFF	OW-1-32S OW-1-33S OW-1-34S OW-1-35S OW-1-26S	49.3 -49.7 50.1 50.3 50.3	36 44 32 46 40	13 12 13 12 13	OW-1-36D OW-1-37D OW-1-38D OW-1-39D OW-1-40D	85.0 84.0 82.0 76.0	38 36 30 34	28 29 28 27 27 26

		Hemps	ead inter	section Oxy	ten Inje	tion Re	medial S	vstem Numbe	er 1		
1	Depth fit		05)		njection B			1	niection B		
OW-1-375	50.5	46	12	OW-1-41D	<u>Depth (ii)</u> 73.6	<u>sath</u> 32	22	OW-1-43	67.4	38	10
OW-1-365	50.6	32	13	OW-1-42D	71.0	28	ZO	OW-1-44	66.6	30	18
QW-1-395	50.7	26	12	OW-1-45	65.7	32	18	OW-1-51R	60.6	28	1
OW-1-405	51.1	30	14 13ma	OW-1-46	64.3	30	17	OW-1-52	59.3	36	1
OW-1-415	51.5	32	14	OW-1-47	63.4	38	17	OW-1-53	60.0	34	16
OW-1-42S	51.3	34	13	OW-1-48	62.5	30	18	OW-1-54	60.0	36	16
-	-			OW-1-49	61.5	28	16	-	-		
-	-			OW-1-50	61.0	28	16	-	-		
	Depth (it)	soft			Depth (ID	<u>ecih</u>	<u>ppi</u>		DTW	DO(ma/L)	PI
					And and a second	<u>BEAN</u>			DTW	<u>DO(ma/L)</u>	PI
									DTW	DO(ma/L)	PI
									DTW		PI
										DOlmaile	PI
											PI
										DOlmath	Pil
											Pir
											Pir
											Pif
Comments:							30 scf				PIN

				CTION OPER.							
1	58 Hilton	Ave. He	mpstead,	NY	jen nje	CUON RE	aneolar 5	Date		124 12	0
	Injection	Remedia	al System	Number 2	Ĩ.			Time	: 070		0
		National (Grid al Measure	9		Inci	ido Troilor	Weather	10 10	an	
			2897-30-1			115		Temperature Performed By	Ma	alle 1	mb
		2 Genera				C	ompresso	r (Kaesar R	otary Sc	rew)	
Hours			5417	2	Compr	essor Ta	nk *		110	_	(psi)
Feed Air Pre	ssure *		110	(psi)	Deliver	y Air			110	-	(psi)
Cycle Pressi (L / R)	ure *	High: Low:	66	2	Elemer	t Outlet	Temperati	Ire	178		(°F)
Oxygen Rece	eiver Pre			64	Runnin	g Hours			6304	5	(hours)
Oxygen Reco (reading from			ire	(psi) 128	Loading	g Hours			5432	51	(hours)
Ceaung non	i blue tal	(K)		(psi)							
Oxygen Purit				(percent)							
* maximum read			cle Powerex)		* maximu	um reading	during loadi	ng cycle	Incin		
ρ	La	r unp (I OWEIEA)				-		Jrain		
Hours: <u>5</u>	DEU)	-				rged (Ch			nptied	(JAI)
	Depth (ft)		psi		Injection E Depth (fit		psi		Injection E		psi
OW-2-2	90.2	26	31.0	OW-2-9S	75.0	28	20.0	OW-2-10D	97.2	26	27.5
OW-2-3	94.3	26	20.0	OW-2-10S	75.0	28	31.5	OW-2-11D	100.8	28	32.5
OW-2-4	94.7	26	38.0	OW-2-11S	76.5	28	10.5	OW-2-12	94.0	25	19.0
OW-2-5	95.3	28	30.0	OW-2-13S	75.0	28	19.0	OW-2-13D	97.0	OF	F
OW-2-6	95.7	28	31.0	OW-2-15S	75.0	27	A.0	OW-2-14	96,4	36	28.5
OW-2-7	96.0	28	30.5	OW-2-16S	75.5	26	19.5	OW-2-15D	94.6	33	30.0
OW-2-8	96.3	28	30.0	OW-2-18S)	74.5	26	19.0	OW-2-16D	94.1	31	26.0
OW-2-9D	96.7	28	30.0	OW-2-20S	79.0	24	21.0	OW-2-17	95.0	26	29.0
Comments:				Ai	l Poini	is set a	t 30 scfl	n			
Notes:											

	Injection I	Ranik A	11		Injection 'E	lank 6			anachier /	ank #	
	Depth (fi	Concern A second on	psi		Depth (#		psi		Depth (ft		psi
OW-2-18D	95.5	31	30.0	OW-2-22S	76.0	30	20.0	OW-2-26D	95.0	28	31.3
OW-2-19	96.1	25	30.0	OW-2-24S	77.8	26	23.0	OW-2-27	93.5	26	28.
OW-2-20D	96.6	27	6.0	OW-2-26S	74.0	27	19.5	OW-2-28D	92.1	26	27.0
OW-2-21	96.6	28	28.0	OW-2-28S	76.0	28	21.0	OW-2-29	92.2	24	28.
OW-2-22D	96.3	28	27.5	OW-2-30S	67.8	26	17.0	OW-2-30D	88.0	25	26.
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	26	20.0	OW-2-31	86.0	25	26.
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	26	21.0	OW-2-32	84.0	25	24.
OW-2-25	96.0	28	7.0	OW-2-36	64 8	27	18.0	OW-2-33	82.0	28	26.0
	Injection E Depth (ft	- ALANANIA	psi		Injection B	ank 8	t 30 scft	•			
	Depth (ft) <u>scíh</u>	psi		Injection B Depth (ft)	ank 8 scfh	psi	•			
OW-2-37		- ALANANIA	^{psi} 20.0		Injection B	ank 8	1	•			
	Depth (ft) <u>scíh</u>	_{psi} 20.0 19.0		Injection B Depth (ft)	ank 8 scfh	psi	•			
OW-2-37	Depth (ft 62.8	28	20.0	OW-2-45	Injection B Depth (ft) 61.1	ank 8 scfh	_{psi} 20.0	•			
OW-2-37 OW-2-38	Depth (ft 62.8 62.1	28	20.0 19.0	OW-2-45 OW-2-46	Injection B Depth (ft) 61.1 61.0	sch 30 30	_{psi} 20.0 14.5	a 			
OW-2-37 OW-2-38 OW-2-39	Depth (ft 62.8 62.1 60.0	sch 28 30 29 POINT	20.0 19.0 18.0	OW-2-45 OW-2-46	Injection B Depth (ft) 61.1 61.0	sch 30 30	_{psi} 20.0 14.5				
OW-2-37 OW-2-38 OW-2-39 OW-2-40	Depth (ft 62.8 62.1 60.0 61.7	sch 28 30 29 POINT 28	20.0 14.0 18.0 off	OW-2-45 OW-2-46	Injection B Depth (ft) 61.1 61.0	sch 30 30	_{psi} 20.0 14.5				
OW-2-37 OW-2-38 OW-2-39 OW-2-40 OW-2-241	Depth (ft 62.8 62.1 60.0 61.7 61.7	sch 28 30 29 POINT 28	20.0 14.0 18.0 0ff 19.5	OW-2-45 OW-2-46	Injection B Depth (ft) 61.1 61.0	sch 30 30	_{psi} 20.0 14.5	-			
OW-2-37 OW-2-38 OW-2-39 OW-2-40 OW-2-241 OW-2-42	Depth (ft 62.8 62.1 60.0 61.7 61.7 61.6	sch 28 30 29 POINT 28 28 POINT	20.0 19.0 18.0 0FF 19.5 20.0	OW-2-45 OW-2-46 OW-2-47 - -	Injection B Depth (ft) 61.1 61.0 60.5 - -	sch 30 30	_{psi} 20.0 14.5	-			

		Date 4/24/20
		GENERAL SYSTEM NOTES
Trailer	1) Performed general housekee	eping (i.e. sweep, collect trash inside and out, etc.) Yes V
	2) Abnormal conditions observe	ed (e.g. vandalism) No
	3) Other major activities comple	eted 0,1 added to compression
	4) Supplies needed MM	
	5) Visitors Non - N	làin system /
		OPERATIONAL NOTES
SA5 Air	Compressor	/
	1) Oil Level Checked with syste	
		elivery Air Pressure is less than 9 psi
	2) Oil Level with system unload	
	Low (red) 3) Oil added	
	4) Oil changed	Yes No
	5) Oil filter changed	
	6) Air filter Changed	
	7) Oil separator changed	Yes No Yes No
	8) Terminal strips checked	Yes
S-80 O	2 Generator	
	1) Prefilter changed	Yes No

				TION OPER				and the set of the statement			ander in der einer ein
Oxygen I	N Interim Project	Remedia lational G Remedia No. 1702	I System I Irid I Measure 897-30-1	Number 2		Insid	de Trailer 7 P	Date: Time: Weather: Temperature: erformed By:	5/ 077 60 00 00 00 00 00	Cood Table H Co	
	0	2 Genera	nor			Co	mpresso	r (Kaesar Ro	stary Sci	rew)	
Hours		·	54673		Compre	essor Tar	nk *		110	-	(psi)
Fieled Air Pres	ssure "		110	(psi)	Delivery	Air			110	-	(psi)
Cycle Pressu (L / R)	ire *	High: Low:	66	69 (psi)	-	t Outlet 1	Femperatu	re	172		(°F)
Oxygen Rece	eiver Pre	1 1 2 2 1 1 2 1 1	-	64 (psi)	Running	y Hours			6354		(hours)
Oxygen Rece (reading from				179	Loading	Hours		Ċ	5486	50	(hours)
Oxygen Punt	у		88.7	(psi) (percent)	* maximu	m readion	during loadir				
meximanities			Powerex)			nineading		ank & Eco-D	Drain	-	-
Hours: Ba	oken				Conden	sate Pur) Conder	isate En	nptied	
	Injection S Depth (ft		psi		Intection B Depth (ft)	a further	psi	1	Injection E Depth (fr		051
OW-2-2	90.2	31	31.0	OW-2-95	75.0	30	20.0	OW-2-10D	97.2	29	27.5
OW-2-3	94.3	26	275	OW-2-10S	75.0	29	31.0	OW-2-11D	100.8	29	33.0
OW-2-4	94.7	30	28.0	OW-2-11S	76.5	30	0.5	OW-2-12	94.0	29	A.C
OW-2-5	95.3	32	20.0	OW-2-13S	75.0	29	19.0	OW-2-13D	97.0	ÖF	FF
OW-2-6	95.7	31	31.0	OW-2-15S	75.0	31	19.0	OW-2-14	96.4	34	28.5
OW-2-7	96.0	32	30.0	OW-2-16S	75.5	30	19.5	OW-2-15D	94.6	35	30.0
OW-2-8	96.3	31	30.0	OW-2-18S	74.5	29	19.0	OW-2-16D	94.1	31	26.0
OW-2-9D	96.7	30	30.0	OW-2-20S	79.0	30	21.0	OW-2-17	95.0	30	29.0
Comments:				A	ll Point	is set a	t 30 scfl	h			
Notes:			99999999999999999999999999999999999999								

	Injection E		mei		Injection B Depth (ft			1	njection B		
OW-2-18D	95.5	177	33.0	OW-2-225	76.0	2 <u>scfh</u>	200	OW-2-26D	Depth (ft 95.0	31	31.0
OW-2-19	96.1	19	30.0	OW-2-24S	77.8	28	130	OW-2-27	93,5	32	28.
OW-2-20D	96.6	27	7.0	OW-2-26S	74.0	27	19.0	OW-2-28D	92.1	32	27,
OW-2-21	96.6	29	28.0	OW-2-28S	76.0	28	21.0	OW-2-29	92.2	34	28.
OW-2-22D	96.3	30	27.5	OW-2-30S	67.8	30	17.0	OW-2-30D	88.0	34	26.
OW-2-23	97.2	OT	FE	OW-2-34	71.0	30	19.5	OW-2-31	86,0	33	26.
OW-2-24D	97.0	Of	F	OW-2-35	69.2	27	21.D	OW-2-32	84.0	34	24.
OW-2-25	96.0	27	OFF	- OW-2-36	64.8	26	18.0	OW-2-33	82.0	38	25.
	Injection 6 Depth (ft)		psi	<u>!</u>	njection B Depth (ft)	scfh	psi	Mo	Nitoning Po DTW	<u>DO(mg/L)</u>	PIE
	IOPP	-leu	KING A	nose	signifies D	and 11	n				
OW-2-37	62.8	28	20.0	OW-2-45	61.1	28	200	MP-2-1			1
OW-2-38	62.1	30	19.0	OW-2-46	61.0	26	18.0	MP-2-2		1	Y
	60.0	30	18.0	OW-2-47	60.5	40	19.5	MP-2-3S	$\overline{)}$	\square	
OW-2-39	61.7	0	FF	-	-			MP-2-SD		K	
OW-2-39										\uparrow	
	61.7	28	95	6.40	-			MP-2-4	/		1
OW-2-40		10	19.5 20.0		-			MP-2-4 MP-2-5	-		
OW-2-40 OW-2-241	61.7	10	1	-	-				-	- \	-
OW-2-40 OW-2-241 OW-2-42	61.7 61.6	10	1	-					-	-	-

		Date: 5/15/20
AL SYS	TEM NOTES	
Trailer	 Performed general housekeeping (i.e. sw Yes_ Abnormal conditions observed (e.g. van 	
	3) Other major activities completed	Turned OFF-point OW-2-25
	4) Supplies needed None	
	5) Visitors Vone - Mâ In	System (
	AL NOTES	
	4) Oil changed Yes 5) Oil filter changed Yes 6) Air filter Changed Yes 7) Oil separator changed Yes 8) Terminal strips checked Yes 2 Generator Yes	Normat (green) High (orange) No No No No No No No No No No No

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and spectrum potence was been to	alan di sanaya			TION OPER							
Oxygen i	A Interim	Remedia lational G Remedia	I System I	Number 2			de Trailer	Date	6/ 013 60-	17/20 0 10 SW 10 SW 10 SW 10 SW	
		2 Genera				Co	And the local division of the local division	r (Kaesar R			
Hours			<u>5546</u>		Compre	essor Tar	nk *		110	_	(psi)
Fleed Avir IPnes	ssune *		10	(psi)	Deliven	/ Air			110	5	(psi)
Cycle Pressu (L / R)	re *	High: Low:	65	67 (psi)	Elemen	t Outlet 1	lemperatu	re	171	-	(°F)
Oxygen Rece	iver Pre	ssure *		66 (pbi)	Running	g Hours			6433		(hours
Dwygen Rece reading from				130	Loading	Hours			5561	2	(hours
Oxygen Purit maximum read			83.7	(psi) (percent)	* mavimu	n reading	during loadir				
the second second second second second second second second second second second second second second second s			Powerex)			in reading		ank & Eco-l	Drain		
-lours:	proke	1			Conden	sate Pur	ged (V)	I) Conde	nsate En	nptied (Y	DN)
4	Depth (ft	Contra Production	<u>1991</u>		Injection B Depth (ft)		<u>ps</u> r		Injection 6 Depth (ft		pei
OW-2-2	90.2	27	31.0	OW-2-95	75.0	28	20.0	OW-2-10D	97.2	28	27.5
OW-2-3	94.3	28	24.5	OW-2-10S	75.0	28	31.0	OW-2-11D	100.8	29	32.0
OW-2-4	94.7	24	42.0	OW-2-115	76.5	28	10.0	OW-2-12	94.0	30	M.C
OW-2-5	95.3	28	30.0	OW-2-135	75.0	28	19.0	OW-2-113D	97.0	OF	F
/OW-2+6	95.7	27	31.0	OW-2-15S	75.0	27	19.0	OW-2-14	96,4	33	28.
OW-2-7	96.0	27	30.0	OW-2-16S	75.5	28	19.0	OW-2-15D	94.6	33	30.0
OW-2-8	96.3	27	30.0	OW-2-18S	74.5	26	19.0	OW-2-16D	94.1	31	26.0
OW-2-9D	96.7	28	30.0	OW-2-20S	79.0	29	21.0	OW-2-17	95.0	29	29.0
Comments:				A	ll Point	is set a	t 30 scfl	3			
Notes:				*****							

	Injection B Depth (ft)		psi		Injection B Depth (ft	- Lotte	psi	1	Injection B Depth (ft		nei
OW-2-18D	95.5	26	29.5	OW-2-22S	76.0	30	20.0	OW-2-26D	95.0	29	32.
OW-2-19	96.1	32	29.5	OW-2-24S	77.8	28	23.0	OW-2-27	93.5	27	28
OW-2-20D	96.6	26	5.0	OW-2-26S	74.0	26	19.0	OW-2-28D	92.1	25	27.0
OW-2-21	96.6	30	28.0	OW-2-28S	76.0	28	21.0	OW-2-29	92.2	29	28.
OW-2-22D	96.3	29	21.5	OW-2-30S	67.8	26	17.5	OW-2-30D	88.0	23	26.0
OW-2-23	97.2	OF	F	OW-2-34	71.0	21	19.0	OW-2-31	86.0	24	26.0
OW-2-24D	97.0	OF	F	OW-2-35	69.2	26	21.0	OW-2-32	84.0	22	24.0
OW-2-25	96.0	OF	FF	OW-2-36	64.8	26	18.0	OW-2-33	82.0	28	26.0
3	njection B Depth (ft)		psi		njection B Depth (ft)		psi	Ma	nitoring Po	oint Logs DO(mg/L)) <u>PID</u>
OW-2-37	62.8	28	10,5	OW-2-45	61.1	20	19.5	MP-21			
OW-2-38	62.1	29	19.0	OW-2-46	61.0	27	19.0	MP-2-2			1
OW-2-39	60.0	21	18.0	OW-2-47	60.5	32	19.0	MP-2-3S	\backslash	/	1
OW-2-40	61.7	OF	F	-	-			MP-2-SD	\backslash	1	
OW-2-241	61.7	26	19.5	-	-			MP-2-4		K	
	61.6	1	19.5	-	-			MP-2-5	1/	$\left \right\rangle$	
OW-2-42	61.4	OF	F	. <u>-</u>	-			- /	1 -		-
OW-2-42 OW-2-43		28	A.5	-	-			- /	-	-	-
	60.6	100	1	and the second state of the second state of the			the second has				

	Date: 6 (17/20)
AL SYSTEN	A NOTES
) Performed general housekeeping (i.e. sweep_collect trash inside and out, etc.) YesNoNo P Abnormal conditions observed (e.g. vandalism)
3) Other major activities completed More
4	s) Supplies needed
5	s) Visitors NONE - MQ in System /
RATIONAL N	
2 3 4 5 6 7 8 AS-80 O ₂ Ge	Oil Level Checked with system unloaded* Yes No * Unload system, wait until Delivery Air Pressure is less than 9 psi No Oil Level with system unloaded Normal (green) High (orange) Doil added Yes No Oil changed Yes No Doil changed Yes No Dil changed Yes No Dil filter changed Yes No Dil separator changed Yes No Dil strips checked Yes No

	ijection F Na Interim F		System N id Measure	ection Oxyg lumber 1	ennigeut		Trailer T	Date: Time: Weather: emperature: erformed By:		114/20 50 90,120 MABLE IKE OD	t j Itran
		Generat				Con	and so the second second second second second second second second second second second second second second s	(Kaesar Ro		and the second se	
lours		3	2243		Compres	sor Tank	ŧ		140		(psi)
eed Air Pres	sure *		140	(psi)	Delivery .	Air			140		(psi)
Dycle Pressu	re *	High:			Element	Outlet Te	emperatu	e	190		(°F)
(L / R) Oxygen Rece		Low: sure *	0 1	<u>5</u> (psi) 75	Running	Hours			1291	9	(hours)
Oxygen Rece (reading from			e -	(psi) NS (psi)	Loading	Hours			8966		(hours)
Oxygen Purity * maximum read			89.5	(percent)	* maximun	n reading d	uring loadir	g cycle			
		And the second se	owerex)					ank & Eco-l	Drain		
Hours: <u>15</u>	660.0	- <u>7</u>	ion ofe	LATIONAL	Condens	ate Purg	jed (Y) M	1) Conder	nsate Em	ptied)/N)
	Injection B		insi		Injection Ba	nk 2 scin	DBI		Depth (ft)		psi
OW-11-11	95.5	26	26	10W-11-55	67.3	28	18	OW-1-9D	\$8.5	30	28
OW-1-2	96.5	POINT	OFF	OW-1-6S	67.0	20	18	OW-1-10D	87.2	26	27
OW-1-3	96.3	26	30	OW-1-75	66.9	28	17	OW-1-11D	.86.1	24	29
OW-1-4	95.0	26	30	OW-1-8S	66.7	22	18	OW-1-12D	85.3	28	28
OW-1-5D	93.9	30	29	OW-1-95	66.0	26	18	OW-1-13D	84.7	30	28
OW-1-6D	92.4	28	29	OW-1-10S	54.6	26	13	OW-1-14D	84.1	28	28
ØW-1-7D	101.1	32	28	-OW-1-11S	54.1	30	14	OW-11-115D	83.3	34	28
OW-1-6D	89.6	26	28	OW-1-125	53.6	30	16	OW-1-16D	82.5	26	14
Comments:				J	All Point	ts set a	nt 30 sci	în			
Notes: Z	ONE	121	BANKS	1+3							

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		Theriopate	Tella Trimer	account carry	on duce	uon non	and the second	stem Numbe			
	Depth (ft)		psi	-	Depth (ft)	ank 5 sofh	psi	1	Depth (ft)	ank 6 scfa	psi
DW-1-135	53.1	28	13	OW-1-17D	79.5	18	13	OW-1-21S	49.3	28	11
DW-1-145	52.7	26	14	OW-1-16D	78.3	26	25	OW-1-225	49.3	32	11
OW-1-15S	52.2	26	13	OW-1-19D	78.9	20	26	OW-1-23S	48.8	28	11
W-1-16SR	51.8	26	26	OW-1-20D	79.5	28	26	OW-1-24S	48.4	28	11
OW-1-175	50.7	24	24	OW-1-21D	79.5	28	25	OW-1-25S	48.8	26	12
OW-1-18S	50.2	24	12	OW-1-22D	79.5	24	24	OW-1-26S	48.3	28	12
OW-1-19S	49.7	POINT	off	OW-1-23D	78.7	26	24	OW-1-27S	48.3	26	12
OW-1-205	49.3	POINT	099	OW-1-24D	78.2	26	26	OW-1-28S	48.3	26	12

Injection Bank 9 Injection Bank 8 Injection Bank 7 DO(mg/L) PID DTW psi Depth (ft) sofh Depth (ft) scfh p5i 28 OW-1-33D 83.2 28 OW-1-29S 48.5 30 OW-1-25D 78.1 26 12 26 28 29 28 13 84.5 48.8 OW-1-34D 14 26 OW-1-30S 78.1 OW-1-26D 28 38 28 13 85.0 OW-1-35D 49.3 OW-1-31S 27 OW-1-27D 77.9 30 28 26 14 85.0 OW-1-36D 49.3 OW-1-32S 12 78.0 26 OW-1-28D 28 20 13 OW-1-37D 84.0 28 OW-1-335 49.7 26 OW-1-29D 78.4 28 26 26 28 36 12 OW-1-36D 82.0 50.1 32 OW-1-345 79.0 26 OW-1-30D 28 26 13 78.0 26 OW-1-39D OW-1-35S 50.3 OW-1-31D 80.5 BINT OFF 26 13 25 76:0 OW-1-40D 50.3 30 26 28 OW-1-36S 81.6 OW-1-32D Comments: All points set at 30 scfh

Notes:

Oxygen System Number 1 Log Sheet

								Date: CE LOG SHEE	ET V	14/20	
	an ante ant und	Hempst	ead Inter	section Oxyc	en Injec	tion Rer	nedial S	ystem Numbe	ee 1.		
1	njection Ba	mk 10		1	njection Ba	mk 11		l lu	njection Ba	ank 12	
	Depth (it)	scih	psi		Depth (ft)	scfh	psi		Depth (ft)	scin	psi
OW-1-375	50.5	26	12	OW-1-41D	73.6	26	22	OW-1-43	67.4	26	19
OW-1-38S	50.6	26	13	OW-1-42D	71.0	28	20	OW-1-44	66.6	28	18
OW-1-39S	50.7	20	12	OW-1-45	65.7	26	18	OW-1-51R	60.6	28	16
OW-1-405	51,1	28	13	QW-1-46	64.3	26	17	OW-1-52	59.3	26	1
OW-1-415	51.5	30	13	OW-1-47	63.4	28	17	OW-1-53	60.0	26	16
OW-1-425	51.3	30	13	QW-1-48	62.5	34	18	OW-1-54	60.0	26	15
-	-			OW-1-49	61.5	26	16	-	-		
-	-			OW-1-50	61.0	28	16	-	-		
	Injection I Depth (fr		psi		Injection Depth (f		psi	1	Injection DTW) PI
	1		-	-						-	-
		1		- I				-			
Comments:				19.63	All poir	nts set	at 30 s	cfh			

F

			Date: 7/11/20
		GENERAL SYSTEM NOTES	
<u>Trailer</u>	 Performed general housekeep Abnormal conditions observed 	bing (i.e. sweep, collect trash inside and out, Yes d (e.g. vandalism)NINE	etc.) No
	3) Other major activities complete	ed Utalies File Ext Down Even PMENT	nnunster / wiper
	4) Supplies needed NWK	an an an an an an an an an an an an an a	
	5) Visitors Nov	OPERATIONAL NOTES	
GA5 Air		OPERATIONAL NOTES	
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade	n unloaded* Yes alivery Air Pressure is less than 9 psi	No
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De	m unloaded* Yes eliwery Air Pressure is less than 9 psi ed Normat (green) High (d	No
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Łow (red)	m unloaded* Yes eliwery Air Pressure is less than 9 psi edNormat (green) High (o Yes	prange)
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Łow (red) 3) Oil added	m unloaded* Yes eliwery Air Pressure is less than 9 psi edNormat (green) High (o Yes	orange) No No No No
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Łow (red) 3) Oil added 4) Oil changed	n unloaded* Yes eliwery Air Pressure is less than 9 psi edNormal (green) High (o Yes Yes Yes Yes	orange) No No No No No No
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Low (red) 3) Oil added 4) Oil changed 5) Oil filter changed	m unloaded* Yes eliwery Air Pressure is less than 9 psi adNormat (green) High (o Yes Yes Yes Yes Yes	orange) No No No No No No
GA5 Air	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Low (red) 3) Oil added 4) Oil changed 5) Oil filter changed 6) Air filter Changed	n unloaded* Yes eliwery Air Pressure is less than 9 psi edNormal (green) High (o Yes Yes Yes Yes	orange) No No No No No No
	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Low (red) 3) Oil added 4) Oil changed 5) Oil filter changed 6) Air filter Changed 7) Oil separator changed	m unloaded* Yes eliwery Air Pressure is less than 9 psi adNormat (green) High (o Yes Yes Yes Yes Yes	orange) No No No No No No
	Compressor 1) Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Low (red) 3) Oil added 4) Oil changed 5) Oil filter changed 6) Air filter Changed 7) Oil separator changed 8) Terminal strips checked	m unloaded* Yes eliwery Air Pressure is less than 9 psi adNormat (green) High (o Yes Yes Yes Yes Yes	orange) No No No No No No

								E LOG SHEE stem Numbe			
	ection R Na Nterim R Project N	lemedial Itional G Iemedial Io. 1702	System I rid Measure 897-30-1	Number 1		Inside	a Trailer F	Date: Time: Weather: Temperature: 'erformed By:	081 8039 Low Greg	70, °f Vovzn	Tsher
	0 ₂	Genera	tor			Con	npresso	r (Kaesar Rot	ary Scr	ew)	
Hours			32,70	5	Compres	isor Tank	(*		160		(psi)
Feed Air Press	we*		140	(psi)	Delivery	Aist			140		(psi)
Cycle Pressure (L / R)		High: Low:	72	74 (psi) 6 (psi)	Element Outlet Temperature 194 (%F						
Oxygen Receiv	er Pres	sure *		72 (psi)	Running Hours <u>13,538</u> (hol Loading Hours <u>9,38</u> 3 (hol						
Oxygen Receiv (reading from L			re	115	Loading	Hours			9,38	3	(hours)
Oxygen Purity maximum readin		ooding ow	90.1	(psi) (percent)	(* maximum	n reading d	luring loadi	ing cycle			
			Powerex)	1				Tank & Eco-D	rain		
Hours:					Condens	sate Purg		N) Conden	sate Em	uptied ()N)
ir	ami	-	Injection Ba	nk 2 acîn	REI	<u> </u>	Injection Bank 3 Depth (fi) scfp pai				
•QWV-11-11	95.5	26	26	10W-11-5S	67.3	31.	17.	iow-1-ad	\$6.5	30	28
OW-1-2	96.5	Point	off	OW-1-6S	67.0	47	17	OW-1-10D	87.2	20	26
.CAN-1-3	96.3	25	30	OW-1-75	-66:9	30	17	GW-1-11D	.86.1	28	29
OW-1-4	95.0	25	29	OW-1-85	66.7	30	17	OW-1-12D	85.3	19	28
OW-1-5D	93.9	26	29	OW-1-95	66.0	28	18	OW-1-13D	84.7	28	28
OW-1-6D	92.4	26	29	OW-1-1.0S	54.6	32	12	OW-1-14D	84.1	26	28
0W-1-7D	D1.1	16	28	OW-1-115	54.1	31	14	OW-1-15D	\$3.3	26	138
OW-1-80-	69.6	26	28	OW-1-125	53.6	29	14	OW-1-16D	82.5	28	13
Comments:				J.	II Point	is set a	t 30 sc	n			
				and the second se					and the office of the second second second second second second second second second second second second secon		

ln	ection Bar	nk 4	N.	In	jection Bar	<u>)k 5</u>	1	hu	ection Ba	n <u>k 6</u>	
	Depth (ft)	BCID	051	(Depth (ft)	sofh	psi	Į.	Depth ((t)	sch	<u>psi</u>
OW-1-135	53.1	28	13	OW-1-17D	79.5	21	13	OW-1-218	49.3	28	11
DW-1-145	52.7	25	14	OW-1-18D	78.3	28	25	OW-1-225	49.3	28	10
OW-1-155	52.2	26	13	OW-1-19D	78.9	28	26	OW-1-235	48.8	27	10
W-1-16SR	51.8	27	26	OW-1-20D	79.5	26	26	OW-1-24S	48.4	27	11
OW-1-175	50.7	19	24	OW-1-210	79.5	27	25	OW-1-25S	48.8	26	12
OW-1-18S	50.2	23	12	OW-1-22D	79.5	21	24	OW-1-26S	48.3	26	12
OW-1-19S	49.7	-	-	OW-1-23D	78,7	38	24	OW-1-27S	48.3	27	12
OW-1-205	49.3	-		OW-1-24D	78.2	25	26	OW-1-28S	48.3	25	1.3
Comments:				and the second second second second second second second second second second second second second second second	I Point		t 30 scf		njection B	ank 9	
	Depth (ft)		psi		Depth (ft)	soft	psi		DTW	DO(mg/L)	PID
QW-1-25D	78.1	20	26	OW-1-29S	48.5	27	12	OW-1-33D	83.2	28	28
OW-1-26D	78.1	120	26	OW-1-305	48.8	26	12	OW-1-34D	84.5	28	28
OW-1-270	77.9	123	26.	OW-1-315	49.3	28	13	OVV-1-35D	85.0	27	28
OW-1-28D	78.0	124	26	OW-1-325	49.3	124	12	OW-1-36D	85.0	28	28
OW-1-29D	78.4	26	25	OW-1-335	49.7	26	112	OW-1-37D	84.0	14	28
OW-1-30D	79.0	21	32	OW-1-345	50.1	128	12	OW-1-36D	82.0	28	126
OW-1-31D	80.5	1_	-	OW-1-35S	50.3	26	113	OW-1-39D	78.0	127	20
OW-1-32D	81.6	24	1-7	OW-1-365	50.3	31	13	OW-1-40D	76.0	26	2
		101	12/	<u>0</u>		de anti	at 30 sc	-fla			

				section Oxyo							
	Depth (ft)		psi	tt	Depth (ft)	scfh	psi	II	Depth (ft)	scîn	psi
OW-1-375	50.5	[17]	12	OW-1-41D	73.6	26	22	OW-1-43	67.4	25	19
OW-1-385	50.6	30	13	ΩW-1-42D	71.0	27	20	OW-1-44	66.6	32	18
OW-1-39S	50.7	11	12	OW-1-45	65.7	24	18	OW-1-51R	60.6	24	16
OW-1-405	51,1	24	13	10W-11-46	64.3	27	17	OW-1-52	59.3	24	15
OW-1-415	51.5	28	13	OW-1-47	63.4	27	17	OW-1-53	60.0	26	16
OW-1-42S	51.3	27	13	OW-1-48	62.5	25	18	OW-1-54	60.0	24	15
-	-	1		OW-1-49	61.5	25	16	-	-		
-	-			OW-1-50	61.0	27	16	-	<u> </u>		
1999 - 1997 - 19						-					-
	<u> </u>	1		1		-	1			-	1
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	1	+	-			1		1		1	
	3	-		1	1	1		1	1	1	T
	-	1	1		1	1	1				1
					1	1	1	1	1		1
						-	-			-	+
Comments:							at 30 se				

1. A. (1997)	<u>, , , , , , , , , , , , , , , , , , , </u>	n gan an an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Anna an Ann	Date: 08/12/20
		GENERAL SYSTEM NOTES	
<u>Trailer</u>	 Performed general housekeep Abnormal conditions observed 	Maa M	No
	3) Other major activities complet	ed Checked	Fire Extinguisher - Good
	4) Supplies needed <u>Non (</u>		
	5) Visitors None		
		OPERATIONAL NOTES	
GA5 Air	Compressor 1) Oil Level Checked with syster * Unload system, wait until De 2) Oil Level with system unloade tow (red)	livery Air Pressure is less that	
	23) Oil added 4) Oil changed 5) Oil filter changed 6) Air filter Changed 7) Oil separator changed 8) Terminal strips checked	Yes Yes Yes Yes Yes Yes	
<u>AS-80 (</u>	D, <u>Generator</u> 1) Prefilter changed 2) Coalescing changed	Yes Yes	No No

				TION OPERA							
	ijection R Na Interim R Project N	temediat ational Gr	System 1 id Measure	Number 1		Inside	a Trailer T	Date: Time: Weather: Femperature: enformed By:	9 1000 703 Olek Mike	ABLE DUINT	
	02			alan kanan di seri makingé dia manangkan karanga		CON	npresso	r (Kaesar Rol		-	un line have discripted in some in stateme
Hours		14 1.	3325	9	Compres	sor Tank	*		125		(psi)
Feed Air Pres	sure *		125	(psi)	Delivery	Pát			140		(psi)
Cycle Pressu		High:	70		Element	Outlet To	emperatu	ile.	199		(°F)
(L / R) Oxygen Rece		Low: sure *	0 1	8 (psi) 74 (psi)	Running	Hours			1433	51	(hours)
Oxygen Rece	iver Tank	(Pressur	e		Loading	Hours			9931		(hours)
(reading from	blue tani			115 (psi)							
Oxygen Purity			86.9	(percent)		n reading d	urina loadi				
* maximum read	-	Pump (F	and the second se)	Tradition	n reading u		ank & Eco-D	Irain		
Sector and a sector of a secto	and the second state of th	08 -	NEED		Condens	sate Purg	red Gra	N) Conden	sate Em	ptie	VN)
	Injection B		351		Injection Ba	ank 2 spih	25i		Injection B Depth (ft)		RSi
- OW-11-11	95.5	34	26	OW-1-55	67.3	28	17	OW-1-9D	89.5	32	28
10W-1-2	96,5	POINT	off	OW-1-85	67.0	30	17	OW-1-10D	\$7.2	36	27
OW-1-3	96.3	36	30	OW-1-75	-66:9	34	17	OW-1-11D	86.1	34	29
OW-1-4	95.0	34	29	OW-1-85	.66.7	32	17	OW-1-12D	85.3	40	28
OW-1-5D	93.9	36	28	OW-1-95	66.0	36	18	OW-1-13D	84.7	32	28
OW-1-6D	92.4	32	28	OW-1-1.05	54.6	28	12	OW-1-14.D	84.1	32	28
@W-1-7D	-01.1	34	28	OW-1-115	54.1	30	14	OW-1-15D	83.3	34	28
OW-1-8D	69.6	36	29	QW-1-125	53.6	36	14	OW-1-16D	82.5	30	14
Comments:				J	All Poin	ts set a	t 30 sc	ħ			
Notes:											

		Hempste	ad Inter	ection Oxyg	on Injeci	tion Ren	nedial Sy	stem Number	1		
	pection Ba	uk 4 uch	1054	ļi	njection Ba Depth (11)	unk 5 solh	psi		ection Ba Depth ((1)	nk 6 scín	12SI
OW-1-135	53.1	32	13	OW-1-17D	+79.5	28	13	OW-1-218	49,3	34	11
OW-1-145	52.7	34	14	OW-1-18D	78,3	28	25	OW-1-225	49.3	30	11
OW-1-155	52.2	36	13	OW-1-19D	78.9	48	25	OW-1-23S	48.8	36	11
DW-1-16SR	51.8	34	26	OW-1-20D	70.5	26	26	OW-1-24S	48.4	34	11
OW-1-175	50.7	36	24	OW-1-21D	79.5	28	25	OW-1-25S	48.8	38	12
OW-1-185	50.2	38	12	OW-1-22D	79.5	28	24	OW-1-26S	48.3	30	12
OW-1-19S	49.7	POINT	OFF	OW-1-23D	78,7	36	24	OW-1-27S	48.3	26	12
OW-1-205	49.3	POINT	off	OW-1-24D	78.2	36	25	DW-1-28S	48.3	48	13
an ann an sginaraith airdin an a	Injection B Depth (ft)	and the second se	psi		Injection E Depth (ft		psi		njection 6 DTW	ank 9 DO(mg/L)	Pl
terini teringan sebesah sebesah sebesah sebesah sebesah sebesah sebesah sebesah sebesah sebesah sebesah sebesa	Contraction designation of	and the second se	DSI				psi				PI
QW-1-25D	78.1	40	26	OW-1-29S	48.5	34	12	OW-1-33D	83.2	28	28
OW-1-26D	78.1	44	26	OW 1-305	48.8	362	13	OW-1-34D	84.5	32	22
	F	+	27	OW-1-315	49.3	30	13	OW-1-35D	85.0	36	2
OW-1-270	77.9	42	107					1	1	1	
OW-1-270 OW-1-28D	77.9	36		OW-1-325	49.3	30	12	OW-1-36D	85.0	36	2
		36	26	OW-1-325 OW-1-335	49.3	30	12	OW-1-360 OW-1-37D	85.0 84.0	3,6 38	
OW-1-28D	78.0	3 6	26 25	 	1	30	12			1	2
OW-1-28D OW-1-29D	78,0	3 6 36 32	26 25 32	OW-1-335	49.7	30 37 38 37 38	12	OW-1-37D	84.0	38	2:
OW-1-28D OW-1-29D OW-1-30D	78.0 78.4 79.0	36 36 32 Bint	26 25 32 0FF	OW-1-335 OW-1-345	49.7	30 37 38 34 38 37 38 37 37 36	12 12 13	OW-1-37D OW-1-36D	84.0 82.0	38 30	2
OW-1-28D OW-1-29D OW-1-30D OW-1-31D	78.0 78.4 79.0 80.5	36 36 32 B.NT	26 25 32 0FF 27	OW-1-335 OW-1-345 OW-1-355 OW-1-365	49.7 50.1 50.3 50.3	30 37 38 34 38 37 30 37 30 37 30 37 30 37 30 37 37 30 37 37 37 37 37 37 37 37 37 37 37 37 37	12 12 13	OW-1-37D OW-1-36D OW-1-39D QW-1-40D	84.0 82.0 78.0	38 30 30	2: 2: 2: 2: 2: 2:

	njection Br	ank 10		1	njection Ba	ank 11	1	It I	niection Ba	ank 12	
	Depth (ft)	scih	DSI		Depth (it)		psi		Depth (ft)		psi
OW-1-375	50.5	34	12	OW-1-41D	73.6	32	22	OW-1-43	67.4	36	19
OW-1-38S	50.6	38	13	OW-1-42D	71.0	34	20	OW-1-44	66.6	32	18
OW-1-39S	50.7	34	12	OW-1-45	65.7	32	18	OW-1-51R	60.6	36	16
OW-1-405	51,1	32	13	QW-1-46	64.3	34	17	OW-1-52	59.3	38	15
OW-1-415	51.5	28	13	OW-1-47	63.4	40	16	OW-1-53	60.0	36	16
OW-1-425	51.3	30	13	OW-1-48	62.5	32	17	OW-1-54	60.0	40	15
-	-	V		OW-1-49	61.5	32	16	-	-		
-	-			OW-1-50	61.0	28	16	-			
Comments:	Iniection 7		and I	A	II Poin Iniection Depth (I	Bank.	t 30 sci	n 	Injection DTW	Bank DOtmall.	<u>} </u> []
Comments:	apart and a second second		energia de la constanta de la c	A 	Injection.	Bank.		n) Pit
Comments:	apart and a second second			A 	Injection.	Bank.		Rh) <u>Pl</u>
Comments:	apart and a second second		ani	A	Injection.	Bank.		Rh			P
Comments:	apart and a second second				Injection.	Bank.		Rh 			PI
Comments:	apart and a second second			A	Injection.	Bank.		Rh			
Comments:	apart and a second second				Injection.	Bank.					
Comments:	apart and a second second				Injection.	Bank.					
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		GENERAL SYSTEM NOTES	
<u>Trailer</u>	 Performed general housekeep Abnormal conditions observed 	ing (i.e. sweep, collect trash inside and out, etc.) Yes (e.g. vandatism)MME	
	3) Other major activities complet いれてして	WN EQUIPMENT FIRE EXTINGUISHER	
	4) Supplies needed		
	5) Visitors NONE		
hermanen		OPERATIONAL NOTES	
GA5 Air	Compressor		
	 Oil Level Checked with system * Unload system, wait until De Oil Level with system unloade Low (red) 	livery Air Pressure is less than 9 psi	
	3) Oil added	Yes No J	
	4) Oil changed	YesNo	
	5) Oil filter changed	Yes No V	
	6) Air filter Changed	Yes No V/	
9	Oil separator changed	Yes	
	6) Terminal strips checked	Yes No	
AS-80 C	D ₂ Generator	1	
	1) Prefilter changed	Yes No/	
11	2) Coalescing changed	Yes No V	

	OXYGE	EN INJE	CTION C	PERATION Oxygen Inj	ection Rei	nedial S	ystem N		4/20	
158 Hiltor								the second second second	5 1805.	
o unon Injection	Remedia	al Syster	m Numbe	r 2			We	in m	sciple.	
							er Temper Perform	ad By MO	H LO	rado
Interir	n Remedia	al Meas	ure D-1	-			Penonine or (Kaes	sar Rotary So	crew)	
Proje	O ₂ Gener	ator			C	ompres	301 (1 4			(psi)
	U2 Gener			Con	npressor T	ank *		123	_	(poi)
lauro		560	21	Con	Inpresses.			12:	5	(psi)
iours		12	(nsi)	Del	ivery Air			10		
Feed Air Pressure	*	12	5 (psi)				roturo	17.	Z	(°F)
		61	5 167	(psi) Ele	ement Outle	et Tempe	rature	-		
Cycle Pressure *	High		5 0	(psi)				64	898	(hours)
(1/8)	Low:		e	36 RL	inning Hou	rs				(hours)
Oxygen Receiver	Pressure		(psi		-Jing Hou	rs		56	46	(nours)
Oxygen Receiver	Tank Pre	ssure	10		bading Hou	15				
Oxygen Received	e tank)		_1	30						
(reading from bit		A	(ps							
Oxygen Purity			.3 (pe	ercent)	maximum re	ading durin	g loading c	ycle	n	
	during load	ing cycle					Air Tan			Am
Be	ooster Pu	mp (Po	werex)			- Durder	(RIN)	Condensa	te Empti	ed 🕑 / N)
Ra	ipn				Condensat	erugee		Inic	ection Ban	k.3
Hours: Bro					njection Bank	2			epth (ft)	scfh psi
	jection Bank	:1	DOI 1		Depth (ft)	scfh	psi		97.2	25 27.0
	Depth (ft)	scfh	psi	OW-2-95	75.0	25	20.0	OW-2-10D	97.2	
OW-2-2	90.2	41	33.5	000-2-00	1	60		OW-2-11D	100.8	26 32.0
			Do C	OW-2-10S	75.0	25	31.0	0		
OW-2-3	94.3	29	20.5		+	ON	an	OW-2-12	94.0	23 19.0
		16	42.0	OW-2-11S	76.5	24	9.0		1	OTE
OW-2-4	94.7	68	12.0	11	75.0	25	19.0	OW-2-13D	97.0	OFI
	95.3	124	30.0	OW-2-13S	75.0	15	19.0		96.4	126 28.0
OW-2-5	55.0	121			(5.0	122	19.0	OW-2-14	50.4	100
OW-2-6	95.7	27	30,5	OW-2-15S		Lu	T	OW-2-15D	94.6	24 30.
044-2-0	1-				5 75.5	124	19.0	000-2-100	1-	
OW-2-7	96.0	126	29.E	5 0002.00		1		0110 160	94.1	23 26.0
0	+	10-			S 74.5	21	19.0	0		
OW-2-8	96.3	121	30.0	0		10	1210	OW 2 17	95.0	24 29.
		125	5 30.	O 0W 2 20	os 79.0	20	21.0	/	_	
OW 2.90	96.7	25	50.			nte cot	: at 30 s	cfh		
					All Pol	11.5 50				
	S:									
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L

1	njection Ba				Injection B			1	njection B		
OW-2-18D	Depth (ft) 95.5	1	29.5	OW-2-22S	Depth (ft) 76.0	<u>scfn</u> 16	20,0	OW-2-26D	Depth (ft) 95.0	10	221
OW-2-19	96.1		29.5	OW-2-24S	77.8			OW-2-27	93.5	20	20
		26	1			22	23.0			25	181
OW-2-20D	96.6	17	6.0	OW-2-26S	74.0	23	19.0	OW-2-28D	92.1	21	11.0
OW-2-21	96.6	26	28.0	OW-2-28S	76.0	24	20.5	OW-2-29	92.2	26	28,0
OW-2-22D	96.3	26	27.0	OW-2-30S	67.8	24	16.5	OW-2-30D	88.0	24	26.0
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	26	19.5	OW-2-31	86.0	19	260
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	24	21.0	OW-2-32	84.0	21	24,0
OW-2-25	96.0	OF	F	OW-2-36	64.8	23	18.0	OW-2-33	82.0	24	25.
Comments:	Injection B		psi		II Poin	3ank 8	psi	1			
OW-2-37	62.8	20	19.5	OW-2-45	61,1	25	19.0				
OW-2-38	62.1	27	19.0	OW-2-46	61.0	24	19.0				
OW-2-39	60.0	16	18,0	OW-2-47	60.5	28	19.D				
OW-2-40	61.7	POINT	OFF	-	-						
OW-2-241	61.7	14	19.0	-	-						
OW-2-42	61.6	21	195	-	-						
OW-2-43	61.4	POINT	1 1	-	-			-	-	-	-
OW-2-44R	60.6	18	19.5		-			-	-	-	-
000-2-44K											

1

								LOG SHEE			
Oxygen Inj	Hilton A ection 'R Na nterim R Project N	ve. Hem emedial tional Gr emedial o. 17028	pstead, N System N id Measure 997-30-1	Y		Inside	e Trailer To Pe	Date: Time: Weather: emperature: rformed By:	8/12 083 805 Math	Com	
	02	Generat				Con	npressor	(Kaesar Rot	ary Scre	ew)	
lours		Ċ	56521		Compres	sor Tank	۲ *		110	9	(psi)
Feed Air Press	sure *		110 (psi)	Delivery	Air			10	1	(psi)
Cycle Pressure	е *	High:	66	- 1	Element	Outlet Te	emperatur	e	172		(°F)
(L / R) Oxygen Receiv		Low: sure *	0	0 (psi) 66	Running	Hours		6	,539	9	(hours)
Dxygen Receiv	ver Tank	Pressur		psi)	Loading	Hours			<u>,539</u> 5662.	5	(hours)
reading from I			-	125							
Oxygen Purity			1111	psi) percent)							
maximum readir			le Powerex)		* maximun	n reading d	luring loadin	g cycle ank & Eco-D	rain		
0	1	rump (r	-owerex)	2-111 House and							
Hours: 1510	Ken		-				ged OV N			ptied Ø	(N)
<u>lı</u>	njection Ba	ank 1 scfh	psi		Injection Ba Depth (ft)	ank 2 scfh	psi		njection B Depth (ft)		psi
OW-2-2	90.2	24	30.0	OW-2-9S	75.0	24	19.5	OW-2-10D	97.2	30	17.0
OW-2-3	94.3	29	19.5	OW-2-10S	75.0	26	31.0	OW-2-11D	100.8	25	32.0
OW-2-4	94.7	30	36.0	OW-2-11S	76.5	25	10.5	OW-2-12	94.0	27	18.5
OW-2-5	95.3	28	19.5	OW-2-13S	75.0	25	19.0	OW-2-13D	97.0	OF	FF
OW-2-6	95.7	30	30.5	OW-2-15S	75.0	32	18.5	OW-2-14	96.4	30	28.0
. OW-2-7	96.0	28	29.5	OW-2-16S	75.5	24	19.0	OW-2-15D	94.6	26	29.5
OW-2-8	96.3	28	30.0		74.5	24	18.5	OW-2-16D	94.1		26.0
OW 2 9D	96.7	25	29.5	OW-2 20S	79.0	35	21.0	OW 2-17	95 0	30	28.5
Comments:		10	6.	1	All Poin	00	at 30 scf	ĥ			1000
Notes.											
10000											

	njection Ba			1	Injection B			1	njection B		
OW-2-18D	Depth (ft) 95.5	<u>scfh</u>	290	OW-2-22S	Depth (ft)	<u>sefh</u>	19.5	OW-2-26D	Depth (ft) 95.0	<u>sofh</u>	32.
OW-2-19	96.1	-		OW-2-24S	77.8			OW-2-27	93.5		
		29	29.0			34	23.5			28	28.0
OW-2-20D	96.6	26	6.0	OW-2-26S	74.0	30	19.0	OW-2-28D	92.1	30	1.0
OW-2-21	96.6	30	27.5	OW-2-28S	76.0	30	20.5	OW-2-29	92.2	26	27.5
OW-2-22D	96.3	28	21.0	OW-2-30S	67.8	29	16.0	OW-2-30D	88.0	29	26.0
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	30	19.0	OW-2-31	86.0	32	26.0
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	28	21.0	OW-2-32	84.0	31	24.0
OW-2-25	96.0	OF	F	OW-2-36	64.8	27	17.5	OW-2-33	82.0	28	26.0
	Injection B Depth (ft)		psi		Depth (ft		psi		1	T	T
	uicetion D	anl 7	1		Injection F	lank 8					
OW-2-37	62.8	20	100	OW-2-45	61.1	107	19.0				
		32	MU			21	11.0				
OW-2-38	62.1	32	18.5	OW-2-46	61.0	27	19.0		-	-	-
000-2-30	10. Contra 10.	00	1-1	OW-2-47	60.5	28	195				
OW-2-39	60.0	1.78	11.5							1	1
	60.0 61.7	POINT	17.3 Off	-	-						
OW-2-39		28 POINT 31	OFF	-	-						
OW-2-39 OW-2-40	61.7	31		-	-						
OW-2-39 OW-2-40 OW-2-241	61.7	31	OFF 9.0 19.0	-	-				-	-	
OW-2-39 OW-2-40 OW-2-241 OW-2-42	61.7 61.7 61.6	31 28	OFF 9.0 19.0	-				-	-	-	-

				CTION OPER/							
	N Interim I Project I	Ave. Her Remedia ational G Remedia No. 1702	npstead, I System Brid I Measur 1897-30-4	NY Number 2		Insid	le Trailer ⁻ P	Date Time Weather Femperature erformed By	9 50 Mij	S, PU S, PU VERAGO U QUI	42
	0;	Genera	ator			Co	mpresso	r (Kaesar Ro	otary Sci	rew)	
Hours		S	57334	ł	Compre	essor Tan	ik *		110		(psi)
Feed Air Pre	ssure *		110	(psi)	Delivery	/ Air			110		(psi)
Cycle Pressi (L / R)	ure *	High: Low:	66	1	Elemen	t Outlet T	emperatu	re	174		(°F)
Oxygen Rec	eiver Pres			bb (psi)	Running	g Hours			66213	2	(hour
Oxygen Rec			ire	(psi) 125	Loading	Hours			5740	3	(hour
(reading fron Oxygen Puri	ty			(psi) (percent)							
* maximum rea					* maximu	m reading (during loadir				
			Powerex			1	Air I	ank & Eco-l	Jrain		
Hours:	949.	99.	-Nuels	refluent	Conden	sate Pur	ged () / M	I) Conde	nsate Em	ptied (Y)/N)
	Injection Ba Depth (ft)		psi		Injection B Depth (ft)		psi		Injection F Depth (ft		psi
ΩW-2-2	90.2	24	30	OW-2-9S	75.0	40	19	OW-2-10D	97.2	36	27
OW-2-3	94.3	30	28	OW-2-10S	75.0	32	31	OW-2-11D	100.8	34	32
OW-2-4	94.7	24	出136	OW-2-11S	76.5	42	10	OW-2-12	94.0	42	19
OW-2-5	95.3	34	29	OW-2-13S	75.0	36	18.5	OW-2-13D	97.0	POINT	OFF
OW-2-6	95.7	36	30	OW-2-15S	75.0	40	18.5	OW-2-14	96.4	34	28
OW-2-7	96.0	38	29	OW-2-16S	75.5	42	19	QW-2-15D	94.6	32	29.
OW-2-8	96.3	34	30	OW-2-18S	74.5	38	19	OW-2-16D	94.1	38	26
OW 2 9D	96.7	36	30	OW 2 20S	79.0	34	21	OW 2-17	95.0	36	28.
Comments:				A	ll Point	ts set a	t 30 scfl	n			
Notes.											

	Injection B	ank 4	I		Injection E	Bank 5			njection E	Bank 6	
	Depth (ft)		psi		Depth (ft		psi		Depth (ft		psi
OW-2-18D	95.5	30	29	OW-2-22S	76.0	38	19.5	OW-2-26D	95.0	38	32
OW-2-19	9 <mark>6</mark> .1	38	29	OW-2-24S	77.8	44	23	OW-2-27	93.5	36	28
OW-2-20D	96.6	38	6,5	OW-2-26S	74.0	38	19	OW-2-28D	92.1	36	27
OW-2-21	96.6	36	27.5	OW-2-28S	76.0	36	20	OW-2-29	92.2	40	27.
OW-2-22D	96.3	34	27	OW-2-30S	67.8	36	16	OW-2-30D	88.0	40	25.
OW-2-23	97.2	POINT	OFF	OW-2-34	71.0	40	19	OW-2-31	86.0	38	25.5
OW-2-24D	97.0	POINT	OFF	OW-2-35	69.2	36	21	OW-2-32	84.0	44	24
OW-2-25	96.0	POINT	044	OW-2-36	64.8	34	17.5	OW-2-33	82.0	36	25.
	Injection B	iank 7	1		Injection E	3ank 8	1				1
	Injection B		psi		Injection E Depth (ft		psi		1	T	1
OW-2-37			<u>psi</u> 19	OW-2-45			psi Zo				
	Depth (ft)) <u>scfh</u>			Depth (ft) <u>scfh</u>					
OW-2-37	Depth (ft) 62.8	<u>scfh</u> 38	19	OW-2-45	Depth (ft 61.1) <u>scfh</u> 34	20				
OW-2-37 OW-2-38	Depth (ft) 62.8 62.1	38 36 36	19 18.5	OW-2-45 OW-2-46	Depth (ft 61.1 61.0) <u>scfh</u> 34 44	20 19				
OW-2-37 OW-2-38 OW-2-39	Depth (ft) 62.8 62.1 60.0	38 36 36 40	19 18.5 17.5	OW-2-45 OW-2-46 OW-2-47	Depth (fi 61.1 61.0 60.5) <u>scfh</u> 34 44	20 19				
OW-2-37 OW-2-38 OW-2-39 OW-2-40	Depth (ft) 62.8 62.1 60.0 61.7	<u>scfh</u> 38 36 40 РОІНТ	19 18.5 17.5 Off	OW-2-45 OW-2-46 OW-2-47 -	Depth (ft 61.1 61.0 60.5) <u>scfh</u> 34 44	20 19				
OW-2-37 OW-2-38 OW-2-39 OW-2-40 OW-2-241	Depth (ft) 62.8 62.1 60.0 61.7 61.7	<u>scfh</u> 38 36 40 РОІНТ 42	19 18.5 17.5 OFF 19 19	OW-2-45 OW-2-46 OW-2-47 - -	Depth (ff 61.1 61.0 60.5 -) <u>scfh</u> 34 44	20 19				
OW-2-37 OW-2-38 OW-2-39 OW-2-40 OW-2-241 OW-2-42	Depth (ft) 62.8 62.1 60.0 61.7 61.7 61.6	<u>sefh</u> 38 36 40 РОІНТ 42 40	19 18.5 17.5 OFF 19 19	OW-2-45 OW-2-46 OW-2-47 - -	Depth (ff 61.1 61.0 60.5 - -) <u>scfh</u> 34 44	20 19	-		-	-

		Date: 9/15/20
in the second second second second second second second second second second second second second second second	a perto de la construction de la construction de la construction de la construction de la construction de la co	GENERAL SYSTEM NOTES
Trailer	 Performed general housekeer Abnormal conditions observed 	ping (i.e. sweep/collect trash inside and out, etc.) Yes d (e.g. vandalism)Vົ້
	3) Other major activities complet	Ed WHENLED FILE EXTINIONSHER FUN PET DOWN
	4) Supplies needed Nonに	
	5) VisitorsNのんと	
	n 1999 - 1994 (1997) ann an tha ann an tha an tha ann an tha ann an tha ann an tha ann an tha ann an tha ann an	OPERATIONAL NOTES
GA5 Air	Compressor	(
GA5 Air	1) Oil Level Checked with system	m unloaded* Yes √ No
GA5 Air	1) Oil Level Checked with system * Unload system, wait until De	m unloaded* YesNo elivery Air Pressure is less than 9 psi
GA5 Air	 Oil Level Checked with system * Unload system, wait until De Oil Level with system unloade 	m unloaded* Yes <u>∫</u> No elivery Air Pressure is less than 9 psi ed ∕
GA5 Air	 Oil Level Checked with system * Unload system, wait until De Oil Level with system unloade Low (red) 	m unloaded* Yes <u>√</u> No elivery Air Pressure is less than 9 psi ed √ High (orange)
3A5 Air	 Oil Level Checked with system * Unload system, wait until De 2) Oil Level with system unloade Low (red) 3) Oil added 	m unloaded* Yes <u>/</u> No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No /
GA5 Air	 Oil Level Checked with system Unload system, wait until De Oil Level with system unloade Low (red) Oil added Oil changed 	m unloaded* Yes <u>/</u> No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No /
GA5 Air	 Oil Level Checked with system Unload system, wait until De Oil Level with system unloade Low (red) Oil added Oil changed Oil filter changed 	m unloaded* Yes <u>/</u> No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No /
GA5 Air	 Oil Level Checked with system Unload system, wait until De Oil Level with system unloade Low (red) Oil added Oil changed Oil filter changed Air filter Changed 	m unloaded* Yes / No elivery Air Pressure is less than 9 psi ed / High (orange) Yes Yes Yes Yes Yes Yes Yes
GA5 Air	 Oil Level Checked with system Unload system, wait until De Oil Level with system unloade Low (red) Oil added Oil changed Oil filter changed Air filter Changed Oil separator changed 	m unloaded* Yes <u>/</u> No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No /
	 Oil Level Checked with system * Unload system, wait until De Oil Level with system unloade Low (red) 3) Oil added 4) Oil changed 5) Oil filter changed 6) Air filter Changed 7) Oil separator changed 8) Terminal strips checked 	m unloaded* Yes / No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No
	 Oil Level Checked with system Unload system, wait until De Oil Level with system unloade Low (red) Oil added Oil changed Oil filter changed Air filter Changed Oil separator changed 	m unloaded* Yes / No elivery Air Pressure is less than 9 psi ed / High (orange) Yes No Yes No Yes No Yes No Yes No Yes No

Periodic Review Report March 28, 2020 – March 28, 2021 Hempstead Intersection Street Former MGP Site Town of Hempstead, Nassau County, New York Site ID #1-30-086 April 2021

Appendix E

Institutional and Engineering Controls Certification Form



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



Site Details Site No. 130086	Box 1				
Site Name K - Intersection St Hempstead MGP					
Site Address: Intersection St. Zip Code: 11530- City/Town: Hempstead County: Nassau Site Acreage: 7.580					
Reporting Period: March 28, 2020 to March 28, 2021					
	YES	NO			
1. Is the information above correct?	X				
If NO, include handwritten above or on a separate sheet.					
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		X			
 Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? 		X			
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X			
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.					
5. Is the site currently undergoing development?		X			
	Box 2				
	YES	NO			
 Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial 	X				
7. Are all ICs in place and functioning as designed?					
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.					
A Corrective Measures Work Plan must be submitted along with this form to address these issues.					
Signature of Owner, Remedial Party or Designated Representative Date					

SITE NO. 130086		Box 3
Description	of Institutional Controls	
Parcel	<u>Owner</u>	Institutional Control
34-174-1	KeySpan Gas East Corp	Ground Water Use Restriction
		Soil Management Plan
Property use must	be restricted residential, commercial, or industria	Landuse Restriction Site Management Plan
Groundwater use i	is prohibited without treatment t be monitored per the SMP	
	and Excavation Work Plan prior to ground intrusiv KeySpan Gas East Corp	ve activity except landscaping
		Landuse Restriction Site Management Plan
	be restricted residential commercial or industria	Soil Management Plan Ground Water Use Restriction
Groundwater use i Groundwater must	be restricted residential, commercial, or industria is prohibited without treatment t be monitored per the SMP	I
Data must be repo Implement HASP a	and Excavation Work Plan prior to ground intrusiv	e activity except landscaping
34-174-208B	KeySpan Gas East Corp.	Ground Water Use Restriction
		Soil Management Plan
		Landuse Restriction Site Management Plan
Groundwater use i Groundwater must	be restricted residential, commercial, or industria is prohibited without treatment t be monitored per the SMP	I
Data must be repo Implement HASP a 34-174-209A	and Excavation Work Plan prior to ground intrusiv KeySpan Gas East Corp	ve activity except landscaping
34-1/4-20 3 A	Reyopan das Last dorp	Landuse Restriction Site Management Plan
		Soil Management Plan
		Ground Water Use Restriction
Groundwater use i	be restricted residential, commercial, or industria is prohibited without treatment t be monitored per the SMP orted per the SMP	I
	and Excavation Work Plan prior to ground intrusiv KeySpan Gas East Corp	e activity except landscaping
0 4 -1/4-203D		Ground Water Use Restriction
		Soil Management Plan
		Landuse Restriction Site Management Plan
	be restricted residential, commercial, or industria is prohibited without treatment	

Groundwater must be monitored per	the SMP	
Data must be reported per the SMP	ark Dian prior to ground intrucius activity event lo	
Implement HASP and Excavation we	ork Plan prior to ground intrusive activity except la	noscaping
		Box 4
Description of Engineering Co	ontrols	
Parcel	Engineering Control	
34-174-1		
	Groundwater Treatment System Cover System	
Provision of two-foot thick soil cover		
Active oxygen delivery system in area 34-174-208A	a of impacted groundwater	
	Groundwater Treatment System Cover System	
Provision of two-foot thick soil cover Active oxygen delivery system in area 34-174-208B	a of impacted groundwater	
	Groundwater Treatment System Cover System	
Provision of two-foot thick soil cover		
Active oxygen delivery system in area 34-174-209A	a of impacted groundwater	
	Groundwater Treatment System Cover System	
Provision of two-foot thick soil cover		
Active oxygen delivery system in area 34-174-209B	a of impacted groundwater	
	Groundwater Treatment System Cover System	
Provision of two-foot thick soil cover Active oxygen delivery system in area	a of impacted groundwater	

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

Γ

IC CERTIFICATIONS SITE NO. 130086

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

Christopher Morris		at <u>1000 New York Avenue, Huntington Station, NY 11746</u> ,		
	print name	print business address		
am certifying as _	Agent for National Grid	(Owner or Remedial Party)		
	l in the Site Details Sect	ion of this form.		
Ċ	in Mui	4/26/21		
Signature of Owner Rendering Certific		esignated Representative Date		

IC/EC CERTIFICATIONS					
Pr	ofessional Engineer Signature	Box 7			
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.					
I Jeff Parillo print name	at <u>455 Winding Brook Drive (Suite</u> print business address				
am certifying as a Professional Engine		r Remedial Party)			
Jebb Parille	DE NE DA	4/26/21			
Signature of Qualified Environmental the Owner or Remedial Party, Render	•	Date Date			