

July 31, 2023

Mr. Parag Amin, P.E.
Project Manager
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7014

RE: National Grid Hill Street Site – Gloversville, NY
20 Hill Street, Gloversville, New York
Semi-Annual Operations, Maintenance, and Monitoring Report

Dear Mr. Amin:

Enclosed for your review is the Semi-Annual Operations, Maintenance, and Monitoring (OM&M) Report for the National Grid Hill Street in Gloversville, NY, for the period from January 1 to June 30, 2023.

Groundwater and Environmental Service, Inc., (GES) OM&M contractor for National Grid, conducts all long-term OM&M activities at the site. Weekly and monthly site inspections were conducted in 2023. The site is generally in good shape and in compliance.

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

Very truly yours,



for SPS

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

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

National Grid

2023 Semi-Annual OM&M Report



National Grid Hill Street
20 Hill Street, Gloversville, New York 12078

July 2023

Version 1





2023 Semi-Annual OM&M Report

National Grid Hill Street Site
20 Hill Street
Gloversville, NY 12078

Prepared for:
National Grid
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Syracuse, NY 13202

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GES Project:
0603324.120780.221

Date:
July 31, 2023

A handwritten signature in black ink, appearing to read "D. Shay", is positioned above a horizontal line.

Devin T. Shay, PG
Program Manager / Principal Hydrogeologist



Table of Contents

1	Introduction	1
2	Groundwater Treatment System History and Description.....	1
2.1	Groundwater Treatment System History	1
2.2	Groundwater Treatment System Components.....	2
3	OM&M.....	3
3.1	Summary of Routine and Non-Routine Activities	3
3.2	Analytical Results	4
3.3	Operational Data	4
4	Future Activities	5

Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3 – Groundwater Treatment System Layout

Figure 4 – Groundwater System Piping and Instrumentation Diagram

Figure 5 – Process and Instrumentation Diagram Legend

Tables

Table 1 – Effluent Permit and Analytical Data 24-Hour Composite Sample

Table 2 – Effluent Permit and Analytical Data Grab Sample

Appendices

Appendix A – Monthly Inspection Forms

Appendix B – Weekly Inspection Forms

Appendix C – Treated Effluent Water Analytical Data

Appendix D – System Operational Data Summary

1 Introduction

This Semi-Annual Operation, Maintenance, and Monitoring (OM&M) Report for the National Grid Hill Street Site in Gloversville, NY (the Site), and presents the results of the activities conducted between January and June 2023. This report has been prepared in accordance with the *Operation, Maintenance, and Monitoring Manual* for the Storm Water Interim Remedial Measure, which was approved by the NYSDEC on April 21, 2011. A site location map and site map are presented as **Figure 1** and **Figure 2**, respectively.

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

2 Groundwater Treatment System History and Description

2.1 Groundwater Treatment System History

The Groundwater Treatment System construction was completed in April 2007. ARCADIS conducted start-up and operated the water treatment system from April 2007 through mid-August 2008. CDM OM&M personnel shadowed ARCADIS during a transitional period and took over the OM&M contractor role on August 16, 2008. CDM operated the water treatment system continuously from August 16, 2008 to August 31, 2016. GES assumed OM&M duties at the site on September 1, 2016 and has operated the water treatment system continuously since that date.

Groundwater and storm water is separated on-site. Storm water is collected and discharged via gravity directly to the storm water ditch and settling pond. Settled residue, which is minimal, consists mainly of silt washed from the parking areas and carried overland during storm events. The residue was last removed in 2015 and was sampled and disposed of as non-hazardous material. The outfall from the settling pond is not sampled and no permits are required for this discharge.

Groundwater is collected by the groundwater collection pipe network and flows under hydraulic head to two collection sumps (NMH-1 and NMH-6). Groundwater contaminated with MGP-related constituents is pumped from NMH-1 and NMH-6 into the Groundwater Treatment System.

Since installation of the remedial system and commencement of system OM&M, National Grid has made significant modifications to improve efficiencies and meet compliance requirements. The major modifications were conducted from January 2009 to November 2009 and included the following major elements:

- Replaced the Oil/Water Separator (OWS)
- Replaced the bag filter unit
- Added a backwash storage tank
- Replaced the chemical treatment system

As a result of these modifications, on-site labor has been reduced from 3 days per week to 1 day per week. Additionally, media change-out frequency has been reduced and increased influent



flows during rain storms can be better handled. Biofouling and iron fouling has been greatly reduced.

In January 2010, a new stainless steel bag filter unit was installed for the backwash tank at P-903. This unit filters any suspended solids that did not settle out prior to returning to the system. To combat Dense Non-Aqueous Phase Liquids (DNAPL) upsets and protect the system's primary media, a new bypass OrganoClay pressure vessel was installed in January 2012 between the OWS and bag filter unit. To address power outages to the water treatment system, an emergency natural gas-powered generator was installed in the spring of 2015 and field tested the week of June 1, 2015.

To improve system performance and ease OM&M procedures, upgrades to groundwater collection sump NMH-1 were completed in June 2018. GES worked with Abscope Environmental to upgrade NMH-1 to a proper size pump rail system with stainless steel piping. This upgrade included changes to the electrical conduits from the pump panel to the manhole containing NMH-1, replacement of the manhole lid and surrounding asphalt, installation of a new 1.25-inch rail system with stainless steel piping, and installation of two new pumps.

A new site computer with added security features was installed on June 14, 2018. This new computer is tied in to the PLC to maintain remote operation of the entire Groundwater Treatment System.

2.2 Groundwater Treatment System Components

- Sequestering agent and metering pump [part of 2009 modifications]. Biocide and metering pump [part of 2009 modifications]. Chemicals are added at NMH-1, NMH-6, and the OWS to reduce bio- and iron fouling within the system.
- A 2,200-gallon conical-bottomed influent settling tank (equalization (EQ) tank T-300). The EQ Tank provides buffering capacity for variable flows and time to allow solids to settle.
- An OWS (T-400) [part of 2009 modifications]. Plastic media with significant surface area is utilized to separate Light Non-Aqueous Phase Liquids (LNAPL) and DNAPL from the recovered water.
- A 1,850-gallon transfer tank (T-500). This tank receives water from OWS and serves as a storage tank for transfer pumps to send water through the bag filter unit and treatment vessels.
- Two transfer tank pumps (P-501 and P-502) pump water from T-500. These are equipped with variable frequency drives (VFDs) to accommodate variable flows through the system.
- An eight bag filter unit (BF-500) [part of 2009 modifications]. A single unit with eight bag filters built within is utilized to remove larger solid particles and oils from the pressurized water stream.
- Two 34-cubic-foot OrganoClay vessels (OC-601 and OC-602). Media within pressure vessels further filters solid particles and oils from the water stream.

- Two 68-cubic-foot granular activated carbon (GAC) vessels (C-701 and C-702). GAC is used to adsorb Volatile Organic Compounds (VOCs) such as Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) from the water stream.
- Two 34-cubic-foot anion resin vessels (AR-801 and AR-802). Granular resin media contained within the pressure vessels is used to adsorb Cyanide from the water stream.
- A 1,850-gallon effluent tank (T-900). The treated water storage effluent tank is used for backwashing the GAC and OrganoClay vessels. Remaining water from the effluent tank is pumped to the publicly owned treatment works (POTW) sewer.
- Two effluent tank pumps (P-901 and P-902). These pumps are utilized for backwashing the GAC and OrganoClay vessels as well as discharging treated water to the POTW sewer.
- A 3,600-gallon backwash storage tank (T-1000) [part of 2009 modifications]. This tank receives backwash waters from the vessels and allows solids to settle. Water is then returned to either T-300 or T-500. Solids are directly removed via vacuum truck during tank cleaning events. A single bag filter and single centrifugal pump assigned solely to the backwash storage tank returns filtered water back to the head of the system.
- An OrganoClay pressure vessel (OC-500) is in bypass mode during normal operations but can be manually valved into operation during a DNAPL upset condition. The purpose of the vessel is to serve as a sacrificial media vessel to protect the primary media and bag filter unit.
- Programmable Logic Controller (PLC). The system is automated and can be operated remotely.
- Generac 100kVa Emergency Generator (natural gas; 3-phase; 6.8 Liter V-10; 350 amp) is in stand-by mode and is tested weekly for 10 minutes.

The Groundwater Treatment System Piping and Equipment Layout is provided on **Figure 3**, the System Piping and Instrumentation Diagram (P&ID) is shown on **Figure 4**. The system abbreviations, legend, interlocks, and specifications are provided on **Figure 5**.

3 OM&M

3.1 Summary of Routine and Non-Routine Activities

GES conducted the following routine OM&M activities at the Site:

- Weekly groundwater treatment system inspections and monthly site inspections [monthly and weekly inspection sheets are included in **Appendix A** and **Appendix B**, respectively]. GES performs the weekly and monthly inspections under contract to National Grid;
- Weekly backwashing of the 6 media vessels;
- Weekly bag filter change-outs;



- Weekly documentation of system flows, pressures, media utilization;
- Coordination with National Grid facility personnel regarding regular chemical/material deliveries;
- Annual media change-out including 2 -1,000 pound organoclay vessels and 40 cubic feet of anion resin; which is disposed of at Industrial Oil in Oriskany, NY. Liquid phase granular activated carbon consists of 2 – 2,000 pound vessels; spent carbon is regenerated by Evoqua.
- Annual stormwater conveyance system cleaning;
- Annual system cleaning;
- Pump replacement
- Snow removal around the treatment building, as needed;
- Weed trimming within the storm water rip-rap channel, as needed;
- Semi-annual system effluent sample;
- Semi-annual generator service.

3.2 Analytical Results

On March 22, 2023, GES conducted the semi-annual effluent water discharge monitoring event. The effluent water sample was submitted to Pace Analytical Services, LLC (Pace) for analysis. Pace delivered the analytical reports on April 5, and April 17, 2023. The analytical results indicated no exceedances of the Gloversville-Johnstown Wastewater Treatment Facility Discharge Permit #133 limits. Summary tables of the analytical results are presented as **Table 1** and **Table 2**. The analytical results are presented in **Appendix C**. There are currently no discharge submittals required for this site by the NYSDEC Division of Water, as the system discharge is permitted through the GJJWTF and their associated permits.

To date, there have been no exceedances of Discharge Permit #133 as part of the semi-annual effluent water discharge monitoring events.

3.3 Operational Data

For the period January through June 2023, the water treatment system treated and discharged approximately 8,593,000 gallons of water to the POTW sewer at an average flow of 28.29 gpm. No DNAPL or LNAPL was recovered during this operational period. If DNAPL or LNAPL is recovered during any operational period, sorbent materials are utilized to collect emulsified product from the oil/water separator. The oil/water separator is cleaned annually and the coalescing media is replaced. The spent coalescing media is sampled and disposed as non-hazardous waste.

Note that the system operates in continuous batch mode. Water is pumped from component to component within the system at a maximum instantaneous flow rate of 100 gpm. An operational data summary table for this period is presented in **Appendix D**.

To date, approximately 266 million gallons have been successfully treated and discharged without a permit exceedance.

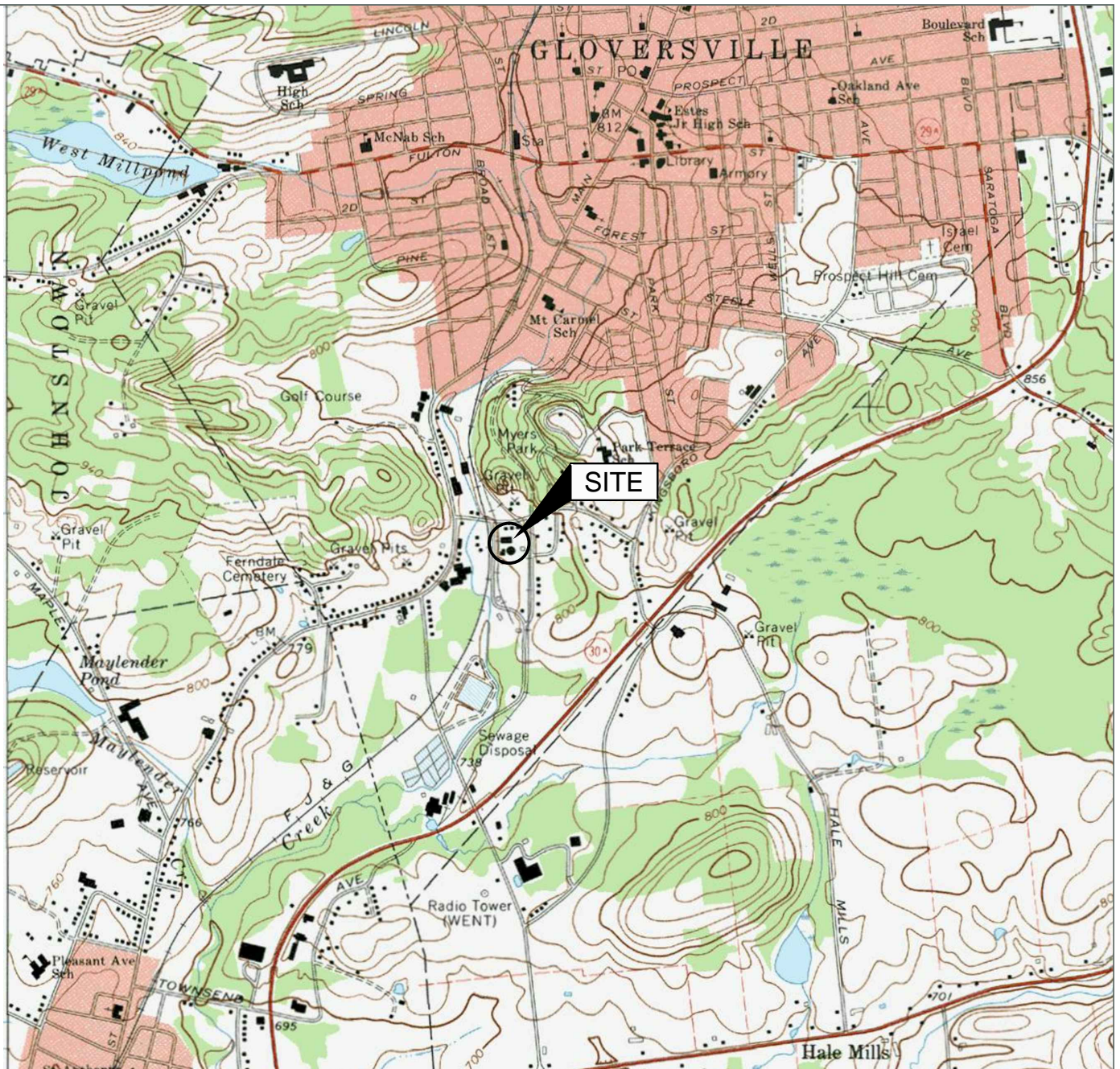
4 Future Activities

Below are OM&M activities planned for the next six months (July 2023 – December 2023):

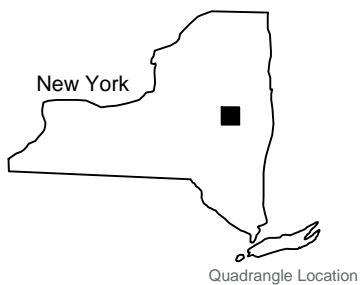
- Conduct monthly site-wide inspections and weekly water treatment system inspections. Document the inspections.
- Operate the water treatment system in continuous batch mode. During normal operations, it is anticipated that 1 (one) on-site day per week will be required (to conduct OM&M activities such as bag filter change-outs and vessel/pump pressure checks). The system is monitored remotely on a continuous basis. If an unforeseen condition arises (i.e., NAPL upset condition), the OM&M staff will respond immediately and remedy the situation.
- Conduct semi-annual operational sampling/analysis to evaluate treatment effectiveness.
- Conduct the semi-annual treated water discharge sampling event in September 2023.
- Rebuild the top of catch basin #7, pending the completion of the french drain project currently under design by Arcadis.
- Prepare a semi-annual OM&M report for July 1, 2023, through December 31, 2023, and submit to the NYSDEC and GJJWTF.



Figures



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1970
Groversville, New York
Contour Interval = 20'



Site Location Map

National Grid
20 Hill Street
Groversville, New York

Drawn
W.G.S.
Designed
Approved



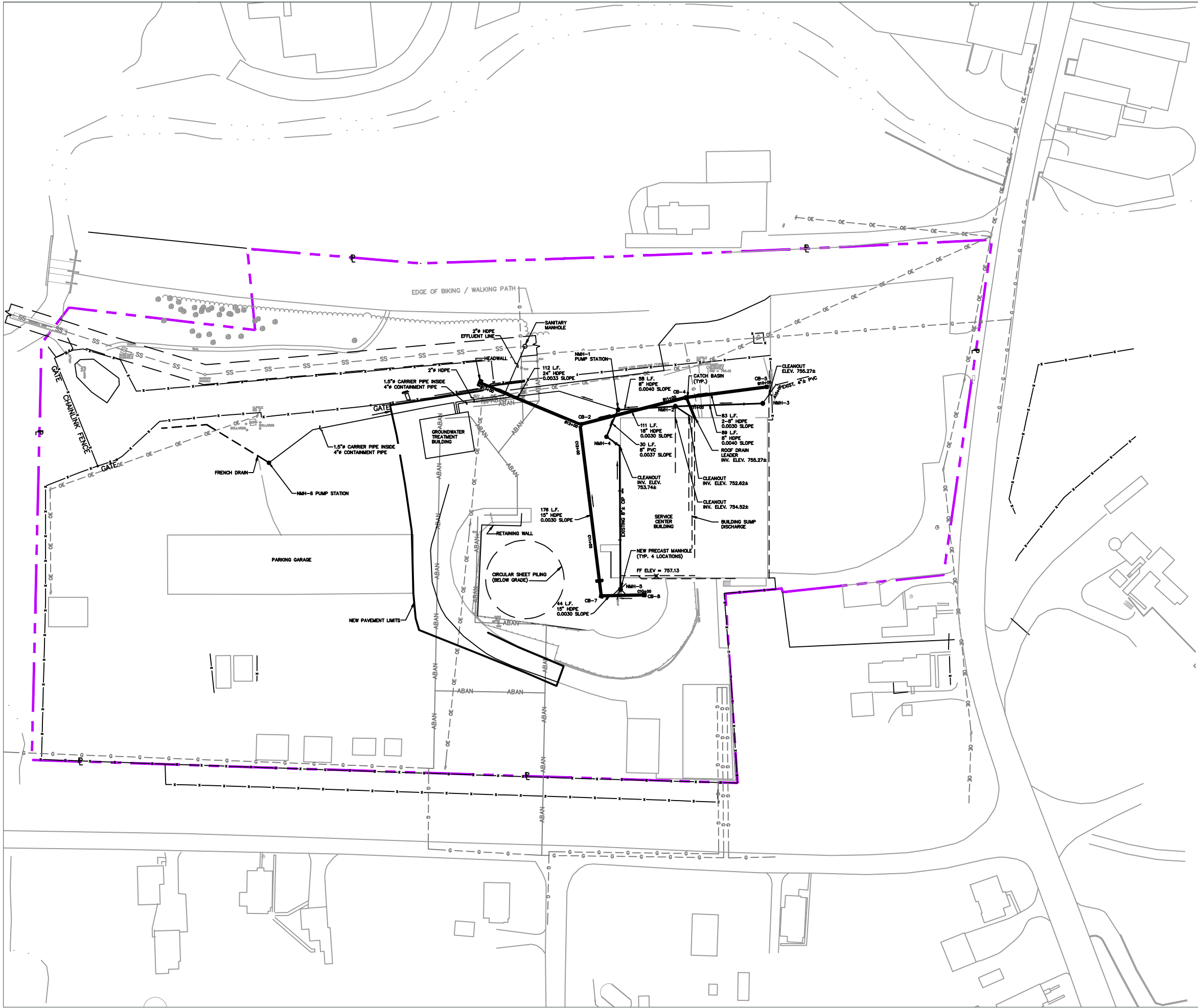
Scale In Feet

0 2000



Groundwater & Environmental Services, Inc.

Date
1-22-18
Figure
1



- LEGEND**
- PROPERTY BOUNDARY
 - CB-4 ■ CATCH BASIN
 - UTILITY MANHOLE
 - NMH-3 ● GROUNDWATER MANHOLE
 - SS --- UNDERGROUND SANITARY SEWER LINE
 - G --- UNDERGROUND GAS LINE
 - OE --- OVERHEAD ELECTRIC
 - ABAN --- ABANDONED GAS LINE

Site Map

National Grid
20 Hill Street
Gloversville, New York

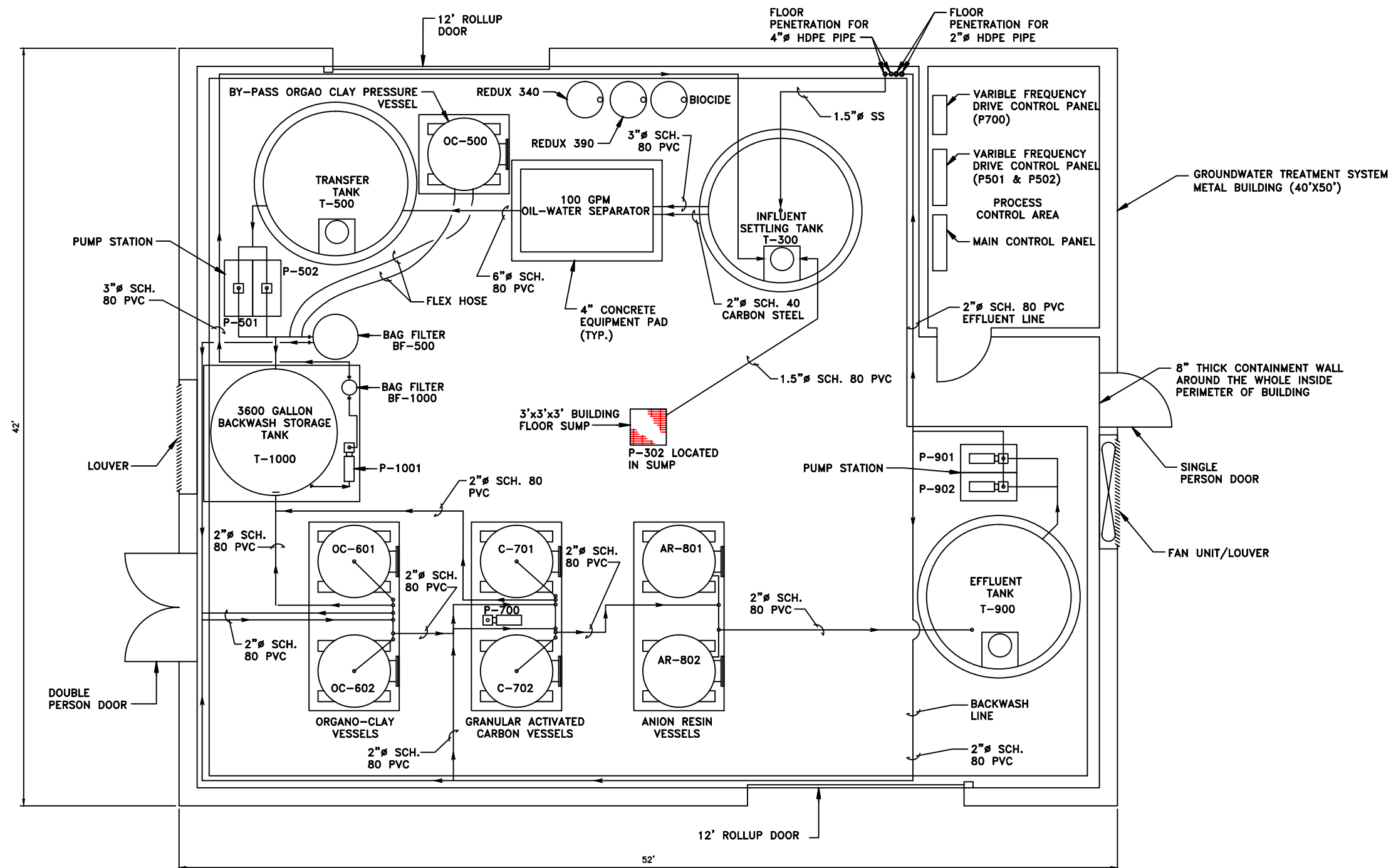
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W.G.S.
Designed
Approved


Scale In Feet



Groundwater & Environmental Services, Inc.

Date
1-22-18
Figure
2



NOTE:
THIS FIGURE REPRESENTS THE AS-BUILT
CONDITIONS FOLLOWING THE SYSTEM
MODIFICATIONS AS DESCRIBED IN THE REPORT.

SOURCE:
ARCADIS STORM SEWER IRM,
RECORD DRAWING, DATED 2008
36652M02.DWG

Groundwater Treatment System Layout

National Grid
20 Hill Street
Gloversville, New York

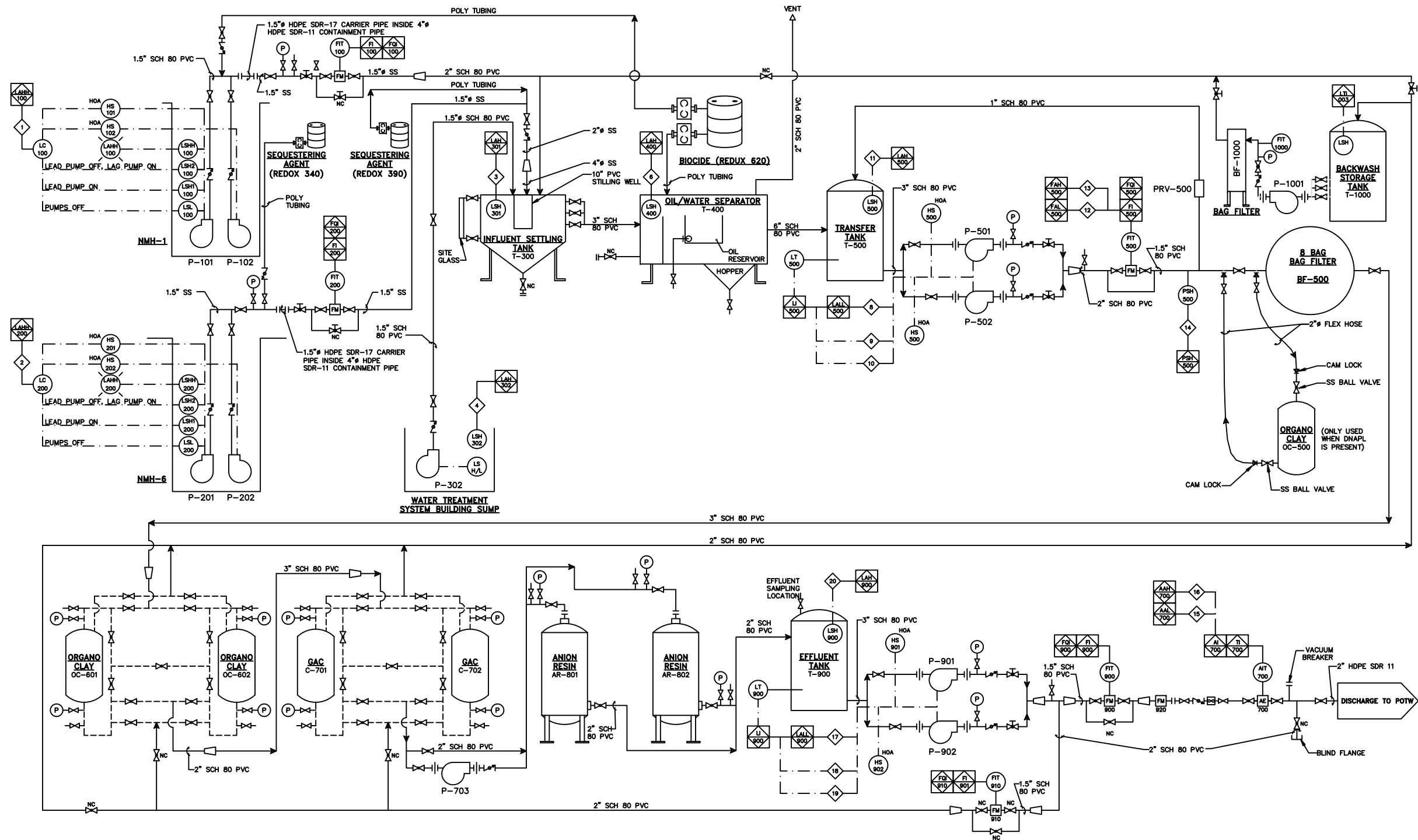
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Date
1-22-18
Figure
3

Not to Scale



M:\Graphics\0600-Syracuse\Misc\National Grid\Gloversville\Eng\Gloversville P&ID (rev).dwg, B (GW P&ID)



Groundwater System
Piping and Instrumentation Diagram

National Grid
20 Hill Street
Gloversville, New York

Drawn
T.P.
Designed
Approved

Date
05/14/19
Figure
4

Not to Scale



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MAJOR EQUIPMENT AND INSTRUMENTATION SPECIFICATIONS:

MANHOLE NMH-1 PUMPS (P-101 AND P-102)
QUANTITY: 2
MANUFACTURER: HYDROMATIC
MODEL: HPGHH 750 3/8-2
FLOW RATE: 75 GPM AT 172 FEET OF TOTAL DYNAMIC HEAD (TDH) (EACH)
MOTOR: 7.5 HORSEPOWER (HP), 208 VOLT (V), 3-PHASE (P)
MATERIALS OF CONSTRUCTION: CAST IRON MOTOR HOUSING WITH SEMI-OPEN 5-VANE BRASS IMPELLER

MANHOLE NMH-6 PUMPS (P-201 AND P-202)
QUANTITY: 2
MANUFACTURER: STANCOR
MODEL: SV-200
FLOW RATE: 20 GPM AT 53 FEET OF TDH (EACH)
MOTOR: 2 HP, 208 V, 3-P
MATERIALS OF CONSTRUCTION: STAINLESS STEEL MOTOR HOUSING WITH VORTEX NON-CLOG IMPELLER

FLOW METER (FM-100, FM-200, FM-500, FM-900, AND FM-910)
QUANTITY: 5
MANUFACTURER: ROSEMOUNT
TYPE: MAGNETIC
MODEL: 8711TSA015R1NOG1
SCALE: 0.4 TO 30 FT/S (4-20 MA)

INFLUENT SETTLING TANK (T-300)
QUANTITY: 1
MANUFACTURER: ASSMANN CORPORATION OF AMERICA
MODEL: ICB 2200
TYPE: CONED-BOTTOM, DOMED TOP
DIMENSIONS: 96 INCH DIAMETER X 119 INCH HIGH
CAPACITY: 2,200 GALLONS NOMINAL
MATERIAL OF CONSTRUCTION: HIGH DENSITY CROSS-LINKED POLYETHYLENE

BUILDING SUMP PUMP (P-302)

QUANTITY: 1
MANUFACTURER: HYDROMATIC
MODEL: OSP50BRA1
FLOW RATE: 30 GPM @ 20 FEET OF TDH
MOTOR: 1/2 HP, 115 V, 1 P
MATERIALS OF CONSTRUCTION: CAST IRON

HIGH LEVEL SWITCHES (LSH-301, LSH-302, LSH-400, LSH-500, AND LSH900)
QUANTITY: 7
MANUFACTURER: K-TEK
TYPE: VIBRATING FORK
MODEL: RS85/A1/P7/S6/X/2//T/33/8?

OIL/WATER SEPARATOR (T-400)

QUANTITY: 1
MANUFACTURER: HYDRO QUIP, INC.
MODEL: AG-4SS-HP-1H-IP
FLOW RATE: 150 GPM
MATERIALS OF CONSTRUCTION: STAINLESS STEEL

TRANSFER TANK (T-500) AND BACKWASH WATER STORAGE TANK (T-900)

QUANTITY: 2
MANUFACTURER: ASSMANN CORPORATION OF AMERICA
MODEL: ICT 1850
TYPE: FLAT-BOTTOM, DOMED TOP
DIMENSIONS: 96 INCH DIAMETER X 78 INCHES HIGH
CAPACITY: 1,850 GALLONS NOMINAL
MATERIAL OF CONSTRUCTION: HIGH-DENSITY CROSS-LINKED POLYETHYLENE

OIL/WATER SEPARATOR EFFLUENT TANK PUMPS (P-501 AND P-502)

QUANTITY: 2
MANUFACTURER: GRUNDFOS
MODEL: CR15-3
FLOW RATE: 70 GPM @ 170 FEET OF TDH (EACH)
MOTOR: 5 HP, 208 V, 3P
MATERIAL OF CONSTRUCTION: STAINLESS STEEL

TRANSFER TANK LEVEL TRANSMITTER (LT-500) & (LT-1000) BACKWASH WATER STORAGE TANK LEVEL TRANSMITTER (LT-900)

QUANTITY: 3
MANUFACTURER: PULSAR
TYPE: ULTRASONIC
MODEL: IMP-6

BYPASS ORGANO CLAY FILTRATION VESSEL (OC-500)*

QUANTITY: 1
MANUFACTURER: USFILTER WESTATES
MODEL: USFILTER WESTATES PV-2000
FLOW RATE: 75 GPM @ 75 PSI MAXIMUM
MEDIA CAPACITY: 68 CUBIC-Feet
MATERIAL OF CONSTRUCTION: EPOXY-COATED CARBON STEEL

*UTILIZED ONLY WHEN DNAPL IS VISUAL IN OWS

VARIABLE FREQUENCY DRIVE (V-700)

QUANTITY: 1
MANUFACTURER: SQUARE D

VARIABLE FREQUENCY DRIVES (V-501 AND V-502)

QUANTITY: 2
MANUFACTURER: BENSHAW
MODEL: RSI-005-GX-2B
TYPE: CONSTANT TORQUE, 1 TO 5 HP, 230 V

PRESSURE SWITCH (PSH-500)

QUANTITY: 1
MANUFACTURER: TURCK
SCALE: 0 - 100 PSI
MODEL: PT100PSIG-13-L13-H1131

PRESSURE RELIEF VALVE (PRV-500)

QUANTITY: 1
MANUFACTURER: PLAST-O-MATIC
TYPE: SPRING
MODEL: RVT100EP-PV
SIZE: 1 INCH
MATERIAL: PVC

BAG FILTERS (BF-500)

QUANTITY: 8 BAG UNIT
MANUFACTURER:
MODEL:
CAPACITY: MAXIMUM FLOW RATE OF 125 GPM AN MAXIMUM WORKING PRESSURE OF 150 PSI AT 73' F
NO. 2 BAGS
BAG SIZE:
MATERIALS OF CONSTRUCTION: STAINLESS STEEL

ORGANOCLAY FILTRATION VESSELS (OC-601 AND OC-602)

QUANTITY: 2
MANUFACTURER: USFILTER WESTATES,
MODEL: USFILTER WESTATES MODEL PV-1000
FLOW RATE: 50 GPM @ 75 PSI MAXIMUM (PER VESSEL)
MEDIA CAPACITY: 34 CUBIC-Feet
MATERIALS OF CONSTRUCTION: EPOXY-COATED CARBON STEEL

GRANULAR ACTIVATED CARBON VESSELS (C-701 AND C-702)

QUANTITY: 2
MANUFACTURER: USFILTER WESTATES
MODEL: USFILTER WESTATES MODEL PV-2000
FLOW RATE: 75 GPM @ 75 PSI MAXIMUM (PER VESSEL)
MEDIA CAPACITY: 68 CUBIC-FOOT
MATERIALS OF CONSTRUCTION: EPOXY-COATED CARBON STEEL

PH/TEMPERATURE ANALYZING TRANSMITTER (AIT-700)

QUANTITY: 1
MANUFACTURER: WALCHEM
MODEL: WDP301-42N
SENSOR: WDS-PHW

RESIN FILTRATION VESSELS (AR-801 AND AR-802)

QUANTITY: 2
MANUFACTURER: USFILTER WESTATES
MODEL: USFILTER WESTATES PV-1000
FLOW RATE: 75 GPM @ 75 PSI GAUGE MAXIMUM (PER VESSEL)
MEDIA CAPACITY: 34 CUBIC FEET
MATERIALS OF CONSTRUCTION: CARBON STEEL

BACKWASH WATER STORAGE TANK DISCHARGE PUMPS (P-901 AND P-902)

QUANTITY: 2
MANUFACTURER: GOULDS
MODEL: 7SH4G52B0
FLOW RATE: 70 GPM @ 50 FEET TDH
MOTOR: 2 HP, 208 V, 3P TEFC
MATERIALS OF CONSTRUCTION: STAINLESS STEEL

MECHANICAL FLOW METER (FM-920)

QUANTITY: 1
MANUFACTURER: ISTECH FLOW MEASUREMENT AND CONTROL
TYPE: MECHANICAL
SIZE: 2"
MODEL: 1750

CHEMICAL FEED PUMP

QUANTITY: 4
MANUFACTURER: LMI MILTON ROY
MODEL: LMI AA 941
FLOW RATE: 2 GALLONS PER HOUR (MAX)

SEQUESTERING AGENT

TYPE: REDUX390
MANUFACTURER: REDUX CHEM.

BIOCIDE

TYPE: BIOBROM C-105L
MANUFACTURER: CLEARON CORPORATION

BACKWASH STORAGE TANK T-1000

QUANTITY: 1
MANUFACTURER: CHEMTAINER
MODEL: TC36001A
CAPACITY: 3600 GALLONS
MATERIAL: LINEAR POLYETHYLENE

ABBREVIATIONS

AE pH ANALYZER ELEMENT
AI pH ANALYZER INDICATOR
AIT pH ANALYZER INDICATING TRANSMITTER
AR ANION EXCHANGE RESIN VESSELS
BF BAG FILTER
C GRANULAR ACTIVATED CARBON VESSELS
DWG DRAWING
FI FLOW INDICATOR
FIT FLOW INDICATING TRANSMITTER
FL FLANGE
FM FLOW METER
FOI TOTALIZED FLOW INDICATOR
GAC GRANULAR ACTIVATED CARBON
HDPE HIGH DENSITY POLYETHYLENE
HOA HAND-OFF-AUTO
HS HAND SWITCH
LAHH LEVEL ALARM HIGH-HIGH
LAL LEVEL ALARM HIGH
LALL LEVEL ALARM LOW
LC LEVEL CONTROLLER
LI LEVEL INDICATOR
LS LEVEL SWITCH
LSH LEVEL SWITCH HIGH
LSHH LEVEL SWITCH HIGH-HIGH
LSL LEVEL SWITCH LOW
LT LEVEL TRANSMITTER
MH MANHOLE
NC NORMALLY CLOSED
NMH NEW MANHOLE
OC ORGANO CLAY VESSELS
POTW PUBLICLY OWNED TREATMENT WORKS
PSH PRESSURE SWITCH HIGH
PSI POUNDS PER SQUARE INCH
PVC POLYVINYL CHLORIDE PIPE
SCH SCHEDULE
SDR STANDARD DIMENSIONAL RATIO
T TANK
TI TEMPERATURE INDICATOR
TYP TYPICAL
Ø DIAMETER

LEGEND:

PROCESS PIPING
INSTRUMENT SIGNAL
SKID MOUNTED EQUIPMENT
SAMPLE TAP
GLOBE VALVE
CHECK VALVE
BALL VALVE
PRESSURE GAUGE
REDUCER
CAM LOCK
CENTRIFUGAL PUMP
POSITIVE DISPLACEMENT PUMP
LOCAL FIELD MOUNT
MAIN PLC CONTROLLER
MAIN PLC INTERLOCK

MAIN PLC INTERLOCKS:

- 1 HIGH LEVEL ALARM (LAHH-100) AT MANHOLE (NMH-1), SEND ALARM TO MAIN PLC. MAIN PLC TO SIGNAL AUTODIALER.
- 2 HIGH LEVEL ALARM (LAHH-200) AT MANHOLE (NMH-2), SEND ALARM TO MAIN PLC. MAIN PLC TO SIGNAL AUTODIALER.
- 3 HIGH LEVEL ALARM (LAH-301) AT T-300, TURN OFF PUMPS P-101, P-102, P-201, P-202, AND P-302, AND SIGNAL AUTODIALER.
- 4 HIGH LEVEL ALARM (LAH-302) AT BUILDING SUMP, SIGNAL AUTODIALER.
- 6 HIGH LEVEL ALARM (LAH-400) AT T-400, TURN OFF PUMPS P-101, P-102, P-201, P-202, AND P-302, AND SIGNAL AUTODIALER.
- 8 LOW LEVEL ALARM (LALL-500) AT T-500, TURN OFF PUMPS P-501 AND P-502 AND SIGNAL AUTODIALER.
- 9 LOW LEVEL SETPOINT (LT-500) AT T-500, TURN OFF PUMPS P-501 AND P-502.
- 10 HIGH LEVEL SETPOINT (LT-500) AT T-500, TURN ON SELECTED LEAD PUMP P-501 OR P-502.
- 11 HIGH LEVEL ALARM (LAH-500) AT T-500, TURN OFF PUMPS P-101, P-102, P-201, P-202, AND P-302, AND SIGNAL AUTO DIALER.
- 12 LOW FLOW ALARM (FAL-500) AT T-500 EFFLUENT LINE, TURN OFF PUMPS P-501 AND P-502 AND SIGNAL AUTODIALER.
- 13 HIGH FLOW ALARM (FAH-500) AT T-500 EFFLUENT LINE, TURN OFF PUMPS P-501 AND P-502 AND SIGNAL AUTODIALER.
- 14 HIGH LINE PRESSURE ALARM (PAH-500) AT T-500 EFFLUENT LINE, SIGNAL AUTODIALER.
- 15 PH ALARM LOW (AAL-700) AT GAC EFFLUENT LINE, SIGNAL AUTODIALER.
- 16 PH ALARM HIGH (AAH-700) AT GAC EFFLUENT LINE, SIGNAL AUTODIALER.
- 17 LOW LEVEL ALARM (LALL-900) AT T-900, TURN OFF PUMPS P-901 AND P-902 AND SIGNAL AUTODIALER.
- 18 LOW LEVEL SETPOINT (LT-900) AT T-900, TURN OFF PUMPS P-901 AND P-902.
- 19 HIGH LEVEL SETPOINT (LT-900) AT T-900, TURN ON SELECTED LEAD PUMP P-901 OR P-902.
- 20 HIGH LEVEL ALARM (LAH-900) AT T-900, TURN OFF PUMPS P-501 AND P-502, AND SIGNAL AUTODIALER.

Process and Instrumentation Diagram
Legend

National Grid
20 Hill Street
Gloversville, New York

Drawn
W.G.S.
Designed

Approved

Date
1-30-18
Figure

5

Not to Scale



SOURCE:
ARCADIS STORM SEWER IRM, RECORD
DRAWING, DATED 2008
36652G13.DWG



Tables

Table 1

Effluent Permit and Analytical Data
24-Hour Composite Sample

Parameter	Maximum 24-Hour Pollutant Concentrations (mg/L)	Frequency Requirements	03/22/23
Antimony	1.50	Semi-Annual	ND (<0.060)
Arsenic	0.10	Semi-Annual	ND (<0.010)
Cadmium	0.03	Semi-Annual	ND (<0.0025)
Chromium, Total	10.00	Semi-Annual	ND (<0.010)
Chromium, Hexavalent	0.15	Semi-Annual	ND (<0.010)
Copper	0.20	Semi-Annual	ND (<0.025)
Lead	0.12	Semi-Annual	ND (<0.0050)
Mercury	0.03	Semi-Annual	ND (<0.020)
Nickel	0.50	Semi-Annual	ND (<0.040)
Selenium	0.03	Semi-Annual	ND (<0.010)
Silver	0.04	Semi-Annual	ND (<0.010)
Thallium	0.06	Semi-Annual	ND (<0.010)
Zinc	0.65	Semi-Annual	ND (<0.020)
Naphthalene	0.30	Semi-Annual	ND (<0.0025)
Aldrin	0.00005	Semi-Annual	ND (<0.000025)
BHC, Isomers (sum)	0.0002	Semi-Annual	ND (<0.000025)
Total Chlorinated Phenols	0.01	Semi-Annual	ND (<0.00099)
Pentachlorophenol	0.01	Semi-Annual	ND (<0.0025)

mg/L = milligrams per Liter



Table 2

Effluent Permit and Analytical Data
Grab Sample

Parameter	Peak Instantaneous Concentrations (mg/L)	Frequency Requirements	03/22/23
Benzene	0.014	Semi-Annual	ND (<0.0010)
Chloroform	0.41	Semi-Annual	ND (<0.0040)
Cyanide, Total	0.10	Semi-Annual	ND (<0.010)
Ethylbenzene	1.00	Semi-Annual	ND (<0.0010)
1,1,2,2-Tetrachloroethane	0.04	Semi-Annual	ND (<0.0010)
Tetrachloroethylene	0.01	Semi-Annual	ND (<0.0010)
Toluene	1.38	Semi-Annual	ND (<0.0010)
Phenols (4AAP)	1.37	Semi-Annual	ND (<0.0024)
Oil & Grease	150	Semi-Annual	ND (<5.0)
Temperature, °F	150	Semi-Annual	NM
pH, SU	6-10	Semi-Annual	7.8

SU = Standard Units

°F = Degrees Fahrenheit

mg/L = milligrams per Liter

NM = Not Measured



Appendix A – Monthly Inspection Forms

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 1/4/2023

Time: 1030

Technician: KL

Weather: Cloudy 39

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 18, 2022.

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 02/07/2023

Time: 945

Technician: KL

Weather: Cloudy 20

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 18, 2022.

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 3/17/2023

Time: 900

Technician: KL

Weather: Rain 40

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 18, 2022.

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 4/5/2023

Time: 1100

Technician: KL

Weather: Cloudy 43

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 18, 2022.

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 5/2/2023

Time: 900

Technician: KL

Weather: Cloudy 40

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 18, 2022.

National Grid
Gloversville, New York
Monthly Groundwater and Stormwater Conveyance System Inspection Checklist

Date: 6/6/2023

Time: 730

Technician: KL

Weather: PC 53

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020 Asphalt starting to deteriorate around grate
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Some epoxy missing around pipes
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Abscope repaired asphalt 7/21/2020. Epoxy starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	Grouttech repaired 12/21/2015
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	repaired gate 6/22/2020
Drainage Ditch Headwall in good condition?	Yes	No	Removed sediment and installed new riprap 6/22/2020
Standing water in drainage ditch?	Yes	No	20' mid way along trench, stone pushed out by heavy flow
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	Areas re-graded and new rip rap installed 10/27/2015
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	Geotextile fabric replaced 10/27/2015
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris? None
Signs of detention pond basin overflowing?	Yes	No	

Stormwater conveyance system lines and catch basins cleaned May 17, 2023.



Appendix B – Weekly Inspection Forms

Date: 06/27/2023

National Grid
Gloversville, New York

Technician: KL

Weather: PC 67

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	1			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	114		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 06/20/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1630

Weather:sunny 72

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620		1		
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?		1		
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?		1		
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?		122	Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 06/13/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 58

Time: 0930

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	130		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 06/06/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 54

Time: 0730

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	138		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/31/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: Sunny 54

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	146		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/25/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: Sunny 54

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	Changed 5/25/2023	
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	154		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No	5/25/2023	
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No	5/25/2023	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/17/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0845

Weather: Sunny 50

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2023 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2023 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2023	
Clean OWS media?	Yes	No	New Media 5/17/2023	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	162		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2023 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2023 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/9/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: Sunny 56

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	170		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/2/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 46

Time: 0930

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	178		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 4/25/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 46

Time: 0930

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	76		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 4/18/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 40

Time: 0930

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	84		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 4/11/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1015

Weather: sunny 54

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	92		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 4/5/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1100

Weather: Cloudy 47

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	6			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	100		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 3/27/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1030

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	6			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	5			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	108		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 3/21/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1030

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	7			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	5			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	116		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 3/17/2023

National Grid
Gloversville, New York

Technician: KL

Time: 900

Weather: rain 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	7			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	5			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	116		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/16/2023
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/16/2023
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 3/5/2023

National Grid
Gloversville, New York

Technician: TB

Time: 830

Weather: Sunny 38

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	1			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	124		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 2/27/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1115

Weather: PC 33

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	1			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	136		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 2/22/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: Cloudy 33

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	1			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	136		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 2/16/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0945

Weather: Cloudy 20

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	144		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 2/7/2023

Time: 0945

National Grid
Gloversville, New York

Technician: KL

Weather: Cloudy 20

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	152		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 1/31/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0800

Weather: Cloudy 28

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	160		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 1/24/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1245

Weather: Cloudy 32

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	168		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 1/17/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: Cloudy 28

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No	parallel	
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	56		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 1/9/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: Cloudy 24

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	64		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 1/4/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: Cloudy 28

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/17/2022 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/17/2022 Sun	
OWS media in good condition?	Yes	No	New Media 5/17/2022	
Clean OWS media?	Yes	No	New Media 5/17/2022	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	72		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	104	parallel	new media 3/08/2022
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/09/2022
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/08/2022
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No	Cleaned 5/10/2016 Clean Harbors	
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New Unit 3/4/2014	
Pump P-902 operating and in good condition?	Yes	No	New Unit 2/18/2014	
GJJWTF meter operating and in good condition?	Yes	No		
BW water Tank 1000 in good condition and free of leaks?	Yes	No		
BW water Tank 1000 sediment?	Yes	No	Cleaned 5/17/2022 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/17/2022 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	



Appendix C – Treated Effluent Water Analytical Data



July 19, 2023

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

RE: Project: National Grid-Gloversville
Pace Project No.: 30572407

Dear Mr. Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Long Island
- Pace Analytical Services - Greensburg

(Greensburg, PA) - Revision 1 - This report replaces the April 17, 2023 report. This project was revised on July 19, 2023 to include the missing Thallium result.

REVISION #1: Report revised on May 10, 2023 to include the case narrative.

REVISION #2: Report revised on July 19th, 2023 to include thallium

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Justin P. Horn
justin.horn@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Tim Beaumont, Groundwater & Environmental Services,
Inc.

NE Region GES, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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July 19, 2023
Page 2

cc: Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



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CERTIFICATIONS

Project: National Grid-Gloversville
Pace Project No.: 30572407

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991

Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

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SAMPLE SUMMARY

Project: National Grid-Gloversville

Pace Project No.: 30572407

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30572407001	System Effluent Composite 0323	Water	03/22/23 12:00	03/23/23 09:55

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SAMPLE ANALYTE COUNT

Project: National Grid-Gloversville

Pace Project No.: 30572407

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30572407001	System Effluent Composite 0323	EPA 608.3 Dec 2016	CTS	7	PASI-PA
		EPA 200.7	JWT	12	PASI-MV
		EPA 245.1	JP2	1	PASI-MV
		EPA 625.1 Dec 2016	EAC	12	PASI-PA
		SM 3500-CrB-2011	PAS	1	PASI-PA

PASI-MV = Pace Analytical Services - Long Island

PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: National Grid-Gloversville

Pace Project No.: 30572407

Method: EPA 608.3 Dec 2016

Description: 608.3 Pesticides Reduced Vol.

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

Date: July 19, 2023

General Information:

1 sample was analyzed for EPA 608.3 Dec 2016 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 608.3 Dec 2016 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: EPA 200.7
Description: 200.7 Metals, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

General Information:

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

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 200.7 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

QC Batch: 299536

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30572407001,70251137001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 1516217)
 - Silver
- MS (Lab ID: 1516501)
 - Silver

Duplicate Sample:

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

Additional Comments:

Batch Comments:

The post digestion spike for sample 70251137001 (PDS 1516518) exceeded acceptance criteria for Silver.

- QC Batch: 299583

The post digestion spike for sample 30572407001 (PDS 1516520) exceeded acceptance criteria for Silver.

- QC Batch: 299583

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PROJECT NARRATIVE

Project: National Grid-Gloversville

Pace Project No.: 30572407

Method: EPA 200.7

Description: 200.7 Metals, Total

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

Date: July 19, 2023

Analyte Comments:

QC Batch: 299536

2c: The post digestion spike for sample 30572407001 (PDS 1516520) exceeded acceptance criteria for Silver.

- BLANK (Lab ID: 1516214)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- DUP (Lab ID: 1516216)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- DUP (Lab ID: 1516500)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- LCS (Lab ID: 1516215)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: EPA 200.7
Description: 200.7 Metals, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

Analyte Comments:

QC Batch: 299536

2c: The post digestion spike for sample 30572407001 (PDS 1516520) exceeded acceptance criteria for Silver.

- LCS (Lab ID: 1516215)
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- MS (Lab ID: 1516217)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- MS (Lab ID: 1516501)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- System Effluent Composite 0323 (Lab ID: 30572407001)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Thallium
 - Zinc

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PROJECT NARRATIVE

Project: National Grid-Gloversville

Pace Project No.: 30572407

Method: EPA 200.7

Description: 200.7 Metals, Total

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

Date: July 19, 2023

Analyte Comments:

QC Batch: 299536

3c: The post digestion spike for sample 70251137001 (PDS 1516518) exceeded acceptance criteria for Silver.

- BLANK (Lab ID: 1516214)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- DUP (Lab ID: 1516216)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- DUP (Lab ID: 1516500)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper
- Nickel
- Lead
- Antimony
- Selenium
- Zinc

- LCS (Lab ID: 1516215)

- Silver
- Arsenic
- Barium
- Cadmium
- Chromium
- Copper

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: EPA 200.7
Description: 200.7 Metals, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

Analyte Comments:

QC Batch: 299536

3c: The post digestion spike for sample 70251137001 (PDS 1516518) exceeded acceptance criteria for Silver.

- LCS (Lab ID: 1516215)
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- MS (Lab ID: 1516217)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- MS (Lab ID: 1516501)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Zinc
- System Effluent Composite 0323 (Lab ID: 30572407001)
 - Silver
 - Arsenic
 - Barium
 - Cadmium
 - Chromium
 - Copper
 - Nickel
 - Lead
 - Antimony
 - Selenium
 - Thallium
 - Zinc

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: EPA 245.1
Description: 245.1 Mercury
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

General Information:

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

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 245.1 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Duplicate Sample:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: EPA 625.1 Dec 2016
Description: 625.1 Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

General Information:

1 sample was analyzed for EPA 625.1 Dec 2016 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 625.1 Dec 2016 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid-Gloversville
Pace Project No.: 30572407

Method: SM 3500-CrB-2011
Description: Chromium, Hexavalent
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: July 19, 2023

General Information:

1 sample was analyzed for SM 3500-CrB-2011 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

Batch Comments:

- Due to limited volume for MS/MSD, LCSD was analyzed
- QC Batch: 575892

Analyte Comments:

QC Batch: 575892

- 1c: Due to limited volume for MS/MSD, LCSD was analyzed
- BLANK (Lab ID: 2796574)
 - Chromium, Hexavalent
 - LCS (Lab ID: 2796575)
 - Chromium, Hexavalent
 - LCSD (Lab ID: 2796576)
 - Chromium, Hexavalent
 - System Effluent Composite 0323 (Lab ID: 30572407001)
 - Chromium, Hexavalent

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid-Gloversville

Pace Project No.: 30572407

Sample: System Effluent Composite 0323 Lab ID: 30572407001 Collected: 03/22/23 12:00 Received: 03/23/23 09:55 Matrix: Water

Comments: • Hexavalent Chromium was not field filtered.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
608.3 Pesticides Reduced Vol. Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016 Pace Analytical Services - Greensburg									
Aldrin	ND	ug/L	0.025	0.0028	1	03/28/23 09:15	04/03/23 16:19	309-00-2	
alpha-BHC	ND	ug/L	0.025	0.0084	1	03/28/23 09:15	04/03/23 16:19	319-84-6	
beta-BHC	ND	ug/L	0.025	0.018	1	03/28/23 09:15	04/03/23 16:19	319-85-7	
delta-BHC	ND	ug/L	0.025	0.017	1	03/28/23 09:15	04/03/23 16:19	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.025	0.013	1	03/28/23 09:15	04/03/23 16:19	58-89-9	
Surrogates									
Tetrachloro-m-xylene (S)	68	%.	10-103		1	03/28/23 09:15	04/03/23 16:19	877-09-8	
Decachlorobiphenyl (S)	75	%.	10-114		1	03/28/23 09:15	04/03/23 16:19	2051-24-3	
200.7 Metals, Total Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Long Island									
Antimony	ND	ug/L	60.0	20.8	1	04/03/23 09:10	04/03/23 15:56	7440-36-0	2c,3c
Arsenic	ND	ug/L	10.0	5.3	1	04/03/23 09:10	04/03/23 15:56	7440-38-2	2c,3c
Barium	ND	ug/L	200	13.7	1	04/03/23 09:10	04/03/23 15:56	7440-39-3	2c,3c
Cadmium	ND	ug/L	2.5	0.31	1	04/03/23 09:10	04/03/23 15:56	7440-43-9	2c,3c
Chromium	ND	ug/L	10.0	1.1	1	04/03/23 09:10	04/03/23 15:56	7440-47-3	2c,3c
Copper	ND	ug/L	25.0	3.7	1	04/03/23 09:10	04/03/23 15:56	7440-50-8	2c,3c
Lead	ND	ug/L	5.0	2.2	1	04/03/23 09:10	04/03/23 15:56	7439-92-1	2c,3c
Nickel	ND	ug/L	40.0	4.4	1	04/03/23 09:10	04/03/23 15:56	7440-02-0	2c,3c
Selenium	ND	ug/L	10.0	7.1	1	04/03/23 09:10	04/03/23 15:56	7782-49-2	2c,3c
Silver	ND	ug/L	10.0	1.2	1	04/03/23 09:10	04/03/23 15:56	7440-22-4	2c,3c, M1
Thallium	ND	ug/L	10.0	5.3	1	04/03/23 09:10	04/03/23 15:56	7440-28-0	2c,3c
Zinc	ND	ug/L	20.0	8.6	1	04/03/23 09:10	04/03/23 15:56	7440-66-6	2c,3c
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Long Island									
Mercury	ND	ug/L	0.20	0.10	1	04/04/23 07:38	04/04/23 14:47	7439-97-6	
625.1 Reduced Volume Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg									
2,4,6-Trichlorophenol	ND	ug/L	0.99	0.59	1	03/27/23 10:20	04/02/23 22:13	88-06-2	
2,4-Dichlorophenol	ND	ug/L	0.99	0.60	1	03/27/23 10:20	04/02/23 22:13	120-83-2	
2-Chlorophenol	ND	ug/L	0.99	0.58	1	03/27/23 10:20	04/02/23 22:13	95-57-8	
4-Chloro-3-methylphenol	ND	ug/L	0.99	0.63	1	03/27/23 10:20	04/02/23 22:13	59-50-7	
Naphthalene	ND	ug/L	2.5	0.66	1	03/27/23 10:20	04/02/23 22:13	91-20-3	
Pentachlorophenol	ND	ug/L	2.5	1.5	1	03/27/23 10:20	04/02/23 22:13	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	90	%.	10-175		1	03/27/23 10:20	04/02/23 22:13	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	20-133		1	03/27/23 10:20	04/02/23 22:13	321-60-8	
Terphenyl-d14 (S)	91	%.	30-148		1	03/27/23 10:20	04/02/23 22:13	1718-51-0	
Phenol-d6 (S)	22	%.	10-63		1	03/27/23 10:20	04/02/23 22:13	13127-88-3	
2-Fluorophenol (S)	32	%.	10-95		1	03/27/23 10:20	04/02/23 22:13	367-12-4	
2,4,6-Tribromophenol (S)	105	%.	10-166		1	03/27/23 10:20	04/02/23 22:13	118-79-6	

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ANALYTICAL RESULTS

Project: National Grid-Gloversville

Pace Project No.: 30572407

Sample: **System Effluent** Lab ID: **30572407001** Collected: 03/22/23 12:00 Received: 03/23/23 09:55 Matrix: Water
Composite **0323**

Comments: • Hexavalent Chromium was not field filtered.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Chromium, Hexavalent	Analytical Method: SM 3500-CrB-2011 Pace Analytical Services - Greensburg								
Chromium, Hexavalent	ND	mg/L	0.010	0.0054	1		03/23/23 11:23	18540-29-9	1c

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QUALITY CONTROL DATA

Project: National Grid-Gloversville
Pace Project No.: 30572407

QC Batch:	299655	Analysis Method:	EPA 245.1
QC Batch Method:	EPA 245.1	Analysis Description:	245.1 Mercury
		Laboratory:	Pace Analytical Services - Long Island

Associated Lab Samples: 30572407001

METHOD BLANK: 1516940 Matrix: Water

Associated Lab Samples: 30572407001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.10	04/04/23 14:26	

LABORATORY CONTROL SAMPLE: 1516941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	1	0.95	95	85-115	

MATRIX SPIKE SAMPLE: 1516942

Parameter	Units	70250425001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.20	1	0.87	85	70-130	

MATRIX SPIKE SAMPLE: 1516944

Parameter	Units	70251136007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.20	1	0.93	91	70-130	

SAMPLE DUPLICATE: 1516943

Parameter	Units	70250425001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	<0.20	ND		20	

SAMPLE DUPLICATE: 1516945

Parameter	Units	70251136007 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	<0.20	ND		20	

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QUALITY CONTROL DATA

Project: National Grid-Gloversville
Pace Project No.: 30572407

QC Batch: 299536 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Laboratory: Pace Analytical Services - Long Island

Associated Lab Samples: 30572407001

METHOD BLANK: 1516214 Matrix: Water

Associated Lab Samples: 30572407001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	60.0	20.8	04/03/23 15:12	2c,3c
Arsenic	ug/L	ND	10.0	5.3	04/03/23 15:12	2c,3c
Barium	ug/L	ND	200	13.7	04/03/23 15:12	2c,3c
Cadmium	ug/L	ND	2.5	0.31	04/03/23 15:12	2c,3c
Chromium	ug/L	ND	10.0	1.1	04/03/23 15:12	2c,3c
Copper	ug/L	ND	25.0	3.7	04/03/23 15:12	2c,3c
Lead	ug/L	ND	5.0	2.2	04/03/23 15:12	2c,3c
Nickel	ug/L	ND	40.0	4.4	04/03/23 15:12	2c,3c
Selenium	ug/L	ND	10.0	7.1	04/03/23 15:12	2c,3c
Silver	ug/L	ND	10.0	1.2	04/03/23 15:12	2c,3c
Zinc	ug/L	ND	20.0	8.6	04/03/23 15:12	2c,3c

LABORATORY CONTROL SAMPLE: 1516215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	1000	960	96	85-115	2c,3c
Arsenic	ug/L	500	467	93	85-115	2c,3c
Barium	ug/L	500	484	97	85-115	2c,3c
Cadmium	ug/L	500	478	96	85-115	2c,3c
Chromium	ug/L	500	491	98	85-115	2c,3c
Copper	ug/L	500	480	96	85-115	2c,3c
Lead	ug/L	500	495	99	85-115	2c,3c
Nickel	ug/L	500	485	97	85-115	2c,3c
Selenium	ug/L	500	484	97	85-115	2c,3c
Silver	ug/L	250	243	97	85-115	2c,3c
Zinc	ug/L	500	492	98	85-115	2c,3c

MATRIX SPIKE SAMPLE: 1516217

Parameter	Units	70251137001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	<60.0	1000	943	94	70-130	2c,3c
Arsenic	ug/L	<10.0	500	458	92	70-130	2c,3c
Barium	ug/L	<200	500	483	96	70-130	2c,3c
Cadmium	ug/L	<2.5	500	476	95	70-130	2c,3c
Chromium	ug/L	<10.0	500	491	98	70-130	2c,3c
Copper	ug/L	<25.0	500	477	95	70-130	2c,3c
Lead	ug/L	<5.0	500	494	99	70-130	2c,3c

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QUALITY CONTROL DATA

Project: National Grid-Gloversville

Pace Project No.: 30572407

MATRIX SPIKE SAMPLE:		1516217					
Parameter	Units	70251137001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nickel	ug/L	<40.0	500	453	90	70-130	2c,3c
Selenium	ug/L	<10.0	500	473	94	70-130	2c,3c
Silver	ug/L	<10.0	250	130	52	70-130	2c,3c,M1
Zinc	ug/L	<20.0	500	495	98	70-130	2c,3c

MATRIX SPIKE SAMPLE:		1516501					
Parameter	Units	30572407001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	1000	957	96	70-130	2c,3c
Arsenic	ug/L	ND	500	474	94	70-130	2c,3c
Barium	ug/L	ND	500	514	97	70-130	2c,3c
Cadmium	ug/L	ND	500	458	92	70-130	2c,3c
Chromium	ug/L	ND	500	496	99	70-130	2c,3c
Copper	ug/L	ND	500	468	93	70-130	2c,3c
Lead	ug/L	ND	500	486	97	70-130	2c,3c
Nickel	ug/L	ND	500	464	89	70-130	2c,3c
Selenium	ug/L	ND	500	487	97	70-130	2c,3c
Silver	ug/L	ND	250	131	52	70-130	2c,3c,M1
Zinc	ug/L	ND	500	483	97	70-130	2c,3c

SAMPLE DUPLICATE: 1516216

Parameter	Units	70251137001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	<60.0	ND		20	2c,3c
Arsenic	ug/L	<10.0	ND		20	2c,3c
Barium	ug/L	<200	ND		20	2c,3c
Cadmium	ug/L	<2.5	ND		20	2c,3c
Chromium	ug/L	<10.0	ND		20	2c,3c
Copper	ug/L	<25.0	ND		20	2c,3c
Lead	ug/L	<5.0	ND		20	2c,3c
Nickel	ug/L	<40.0	ND		20	2c,3c
Selenium	ug/L	<10.0	ND		20	2c,3c
Silver	ug/L	<10.0	ND		20	2c,3c
Zinc	ug/L	<20.0	ND		20	2c,3c

SAMPLE DUPLICATE: 1516500

Parameter	Units	30572407001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		20	2c,3c
Arsenic	ug/L	ND	ND		20	2c,3c
Barium	ug/L	ND	31.7J		20	2c,3c
Cadmium	ug/L	ND	ND		20	2c,3c

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QUALITY CONTROL DATA

Project: National Grid-Gloversville

Pace Project No.: 30572407

SAMPLE DUPLICATE: 1516500

Parameter	Units	30572407001 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium	ug/L	ND	ND		20	2c, 3c
Copper	ug/L	ND	ND		20	2c, 3c
Lead	ug/L	ND	ND		20	2c, 3c
Nickel	ug/L	ND	20.1J		20	2c, 3c
Selenium	ug/L	ND	ND		20	2c, 3c
Silver	ug/L	ND	ND		20	2c, 3c
Zinc	ug/L	ND	ND		20	2c, 3c

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QUALITY CONTROL DATA

Project: National Grid-Gloversville
Pace Project No.: 30572407

QC Batch:	576689	Analysis Method:	EPA 608.3 Dec 2016
QC Batch Method:	EPA 608.3 Dec 2016	Analysis Description:	608.3 GCS Pesticide RV
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 30572407001

METHOD BLANK: 2800041 Matrix: Water

Associated Lab Samples: 30572407001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aldrin	ug/L	ND	0.025	0.0029	04/03/23 15:54	
alpha-BHC	ug/L	ND	0.025	0.0086	04/03/23 15:54	
beta-BHC	ug/L	ND	0.025	0.019	04/03/23 15:54	
delta-BHC	ug/L	ND	0.025	0.018	04/03/23 15:54	
gamma-BHC (Lindane)	ug/L	ND	0.025	0.014	04/03/23 15:54	
Decachlorobiphenyl (S)	%	51	10-114		04/03/23 15:54	
Tetrachloro-m-xylene (S)	%	63	10-103		04/03/23 15:54	

LABORATORY CONTROL SAMPLE: 2800042

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	ug/L	0.2	0.15	73	54-130	
alpha-BHC	ug/L	0.2	0.15	75	49-130	
beta-BHC	ug/L	0.2	0.15	74	39-130	
delta-BHC	ug/L	0.2	0.16	78	51-130	
gamma-BHC (Lindane)	ug/L	0.2	0.15	75	43-130	
Decachlorobiphenyl (S)	%			33	10-114	
Tetrachloro-m-xylene (S)	%			67	10-103	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2800043 2800044

Parameter	Units	30572053001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	ug/L	ND	0.21	0.21	0.16	0.16	77	77	42-140	1	35	
alpha-BHC	ug/L	ND	0.21	0.21	0.16	0.16	79	78	37-140	0	36	
beta-BHC	ug/L	ND	0.21	0.21	0.16	0.16	77	75	17-147	1	44	
delta-BHC	ug/L	ND	0.21	0.21	0.17	0.18	81	84	19-140	4	52	
gamma-BHC (Lindane)	ug/L	ND	0.21	0.21	0.16	0.16	76	75	32-140	0	39	
Decachlorobiphenyl (S)	%						74	72	10-114			
Tetrachloro-m-xylene (S)	%						64	63	10-103			

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QUALITY CONTROL DATA

Project: National Grid-Gloversville
Pace Project No.: 30572407

QC Batch: 576424 Analysis Method: EPA 625.1 Dec 2016
QC Batch Method: EPA 625.1 Dec 2016 Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30572407001

METHOD BLANK: 2799174 Matrix: Water
Associated Lab Samples: 30572407001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2,4,6-Trichlorophenol	ug/L	ND	1.0	0.59	03/28/23 12:40	
2,4-Dichlorophenol	ug/L	ND	1.0	0.61	03/28/23 12:40	
2-Chlorophenol	ug/L	ND	1.0	0.59	03/28/23 12:40	
4-Chloro-3-methylphenol	ug/L	ND	1.0	0.63	03/28/23 12:40	
Naphthalene	ug/L	ND	2.5	0.67	03/28/23 12:40	
Pentachlorophenol	ug/L	ND	2.5	1.5	03/28/23 12:40	
2,4,6-Tribromophenol (S)	%	74	10-166		03/28/23 12:40	
2-Fluorobiphenyl (S)	%	80	20-133		03/28/23 12:40	
2-Fluorophenol (S)	%	37	10-95		03/28/23 12:40	
Nitrobenzene-d5 (S)	%	101	10-175		03/28/23 12:40	
Phenol-d6 (S)	%	20	10-63		03/28/23 12:40	
Terphenyl-d14 (S)	%	110	30-148		03/28/23 12:40	

LABORATORY CONTROL SAMPLE: 2799175

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	10	9.6	96	52-129	
2,4-Dichlorophenol	ug/L	10	11.7	117	53-122	
2-Chlorophenol	ug/L	10	7.3	73	36-120	
4-Chloro-3-methylphenol	ug/L	10	11.5	115	41-128	
Naphthalene	ug/L	10	9.5	95	36-120	
Pentachlorophenol	ug/L	10	9.9	99	38-152	
2,4,6-Tribromophenol (S)	%			86	10-166	
2-Fluorobiphenyl (S)	%			75	20-133	
2-Fluorophenol (S)	%			31	10-95	
Nitrobenzene-d5 (S)	%			110	10-175	
Phenol-d6 (S)	%			18	10-63	
Terphenyl-d14 (S)	%			97	30-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2799176 2799177

Parameter	Units	30572587001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,6-Trichlorophenol	ug/L	ND	9.8	9.8	10.6	10.9	108	111	37-144	3	58	
2,4-Dichlorophenol	ug/L	ND	9.8	9.8	10.1	9.6	103	98	39-135	5	50	
2-Chlorophenol	ug/L	ND	9.8	9.8	7.8	7.3	80	74	23-134	7	61	
4-Chloro-3-methylphenol	ug/L	ND	9.8	9.8	10.9	9.7	111	99	22-147	11	73	

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QUALITY CONTROL DATA

Project: National Grid-Gloversville

Pace Project No.: 30572407

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2799176 2799177												
Parameter	Units	30572587001	MS	MSD	2799177		MS	MSD	% Rec	Max	Qual	
		Result	Spike Conc.	Spike Conc.	Result	Result						
Naphthalene	ug/L	ND	9.8	9.8	7.9	7.9	80	81	21-133	1	65	
Pentachlorophenol	ug/L	ND	9.8	9.8	13.1	12.9	133	132	14-176	1	86	
2,4,6-Tribromophenol (S)	%						111	110	10-166			
2-Fluorobiphenyl (S)	%						74	74	20-133			
2-Fluorophenol (S)	%						40	38	10-95			
Nitrobenzene-d5 (S)	%						90	94	10-175			
Phenol-d6 (S)	%						27	23	10-63			
Terphenyl-d14 (S)	%						85	90	30-148			

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QUALITY CONTROL DATA

Project: National Grid-Gloversville
Pace Project No.: 30572407

QC Batch:	575892	Analysis Method:	SM 3500-CrB-2011
QC Batch Method:	SM 3500-CrB-2011	Analysis Description:	Chromium, Hexavalent by 3500
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 30572407001

METHOD BLANK: 2796574 Matrix: Water
Associated Lab Samples: 30572407001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium, Hexavalent	mg/L	ND	0.010	0.0054	03/23/23 11:21	1c

LABORATORY CONTROL SAMPLE & LCSD: 2796575		2796576								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	mg/L	0.25	0.24	0.24	94	97	85-115	2	20	1c

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: National Grid-Gloversville
Pace Project No.: 30572407

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 299583

- [1] The post digestion spike for sample 70251137001 (PDS 1516518) exceeded acceptance criteria for Silver.
- [2] The post digestion spike for sample 30572407001 (PDS 1516520) exceeded acceptance criteria for Silver.

Batch: 575892

- [1] Due to limited volume for MS/MSD, LCSD was analyzed

ANALYTE QUALIFIERS

- 1c Due to limited volume for MS/MSD, LCSD was analyzed
- 2c The post digestion spike for sample 30572407001 (PDS 1516520) exceeded acceptance criteria for Silver.
- 3c The post digestion spike for sample 70251137001 (PDS 1516518) exceeded acceptance criteria for Silver.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: National Grid-Gloversville

Pace Project No.: 30572407

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30572407001	System Effluent Composite 0323	EPA 608.3 Dec 2016	576689	EPA 608.3 Dec 2016	576985
30572407001	System Effluent Composite 0323	EPA 200.7	299536	EPA 200.7	299583
30572407001	System Effluent Composite 0323	EPA 245.1	299655	EPA 245.1	299705
30572407001	System Effluent Composite 0323	EPA 625.1 Dec 2016	576424	EPA 625.1 Dec 2016	576617
30572407001	System Effluent Composite 0323	SM 3500-CrB-2011	575892		

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W0#: 30572407

30572407

[illegible]



DC#_Title: ENV-FRM-GBUR-0088 v04_Sample Condition Upon Receipt-Pittsburgh

Effective Date: 02/03/2023

Client Name: GES-Syracuse

Project #: 30572407

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking Number: 6145-2946-4773

Custody Seal on Cooler/Box Present: ☒ Yes ☒ No

Seals Intact: ☒ Yes ☐ No

Thermometer Used: 17 Type of Ice: Wet Blue ☒ None

Examined By PM
Labeled By PC 3-23
Temped By PM

Cooler Temperature: Observed Temp 4.6 °C Correction Factor: .6 °C Final Temp: 4.6 °C

Temp should be above freezing to 6°C

Comments:	pH paper Lot#			D.P.D. Residual Chlorine Lot #		
	Yes	No	NA			
Chain of Custody Present	<input checked="" type="checkbox"/>			1. <u>10D2221</u>		
Chain of Custody Filled Out:	<input checked="" type="checkbox"/>			2. <u>4A9A0924</u>		
-Were client corrections present on COC		<input checked="" type="checkbox"/>				
Chain of Custody Relinquished	<input checked="" type="checkbox"/>			3.		
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/>			4.		
Sample Labels match COC:	<input checked="" type="checkbox"/>			5.		
-Includes date/time/ID						
Matrix:	<u>UA</u>					
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>			6.		
Short Hold Time Analysis (<72hr remaining):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		7.		
Rush Turn Around Time Requested:		<input checked="" type="checkbox"/>		8.		
Sufficient Volume:	<input checked="" type="checkbox"/>			9.		
Correct Containers Used:	<input checked="" type="checkbox"/>			10.		
-Pace Containers Used	<input checked="" type="checkbox"/>					
Containers Intact:	<input checked="" type="checkbox"/>			11.		
Orthophosphate field filtered:			<input checked="" type="checkbox"/>	12.		
Hex Cr Aqueous samples field filtered:			<input checked="" type="checkbox"/>	13.		
Organic Samples checked for dechlorination	<input checked="" type="checkbox"/>			14.		
Filtered volume received for dissolved tests:			<input checked="" type="checkbox"/>	15.		
All containers checked for preservation:	<input checked="" type="checkbox"/>			16.		
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix						
All containers meet method preservation requirements:	<input checked="" type="checkbox"/>			Initial when completed <u>PM</u>		
				Date/Time of Preservation		
				Lot# of added Preservative		
8260C/D: Headspace in VOA Vials (> 6mm)			<input checked="" type="checkbox"/>	17.		
624.1: Headspace in VOA Vials (0mm)			<input checked="" type="checkbox"/>	18.		
Trip Blank Present:			<input checked="" type="checkbox"/>	Trip blank custody seal present? YES or NO		
Rad Samples Screened <0.5 mrem/hr.	<input checked="" type="checkbox"/>			Initial when completed <u>PM</u>		
				Date: <u>3-23-13</u>		
				Survey Meter SN: <u>1567</u>		
Comments:						

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

April 05, 2023

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

RE: Project: National Grid - Gloversville
Pace Project No.: 30572587

Dear Mr. Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Long Island
- Pace Analytical Services - Greensburg

The samples were subcontracted to ALS, 301 Fulling Mill Rd, Middletown, PA 17057 for Phenolics analysis. Results of the analysis are reported on the ALS data tables.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



David A. Pichette
david.pichette@pacelabs.com
(724)850-5617
Project Manager

Enclosures

cc: Tim Beaumont, Groundwater & Environmental Services,
Inc.

NE Region GES, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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April 05, 2023
Page 2

cc: Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville
Pace Project No.: 30572587

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991

Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: National Grid - Gloversville

Pace Project No.: 30572587

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30572587001	System Effluent Grab 0323	Water	03/22/23 12:15	03/23/23 09:55
30572587002	Trip Blank	Water	03/22/23 12:15	03/23/23 09:55

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30572587

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30572587001	System Effluent Grab 0323	EPA 625.1 Dec 2016	EAC	7	PASI-PA
		EPA 624.1 Dec 2016	JAS	10	PASI-PA
		EPA 1664A	JCA	1	PASI-MV
		SM 4500H+B-2011	AK1	1	PASI-PA
		SM 4500CN-E-2016	CMT	1	PASI-PA
30572587002	Trip Blank	EPA 624.1 Dec 2016	JAS	10	PASI-PA

PASI-MV = Pace Analytical Services - Long Island

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30572587

Method: EPA 625.1 Dec 2016

Description: 625.1 Reduced Volume

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

Date: April 05, 2023

General Information:

1 sample was analyzed for EPA 625.1 Dec 2016 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 625.1 Dec 2016 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30572587

Method: EPA 624.1 Dec 2016

Description: 624.1 Volatile Organics

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

Date: April 05, 2023

General Information:

2 samples were analyzed for EPA 624.1 Dec 2016 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30572587

Method: EPA 1664A

Description: HEM, Oil and Grease

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

Date: April 05, 2023

General Information:

1 sample was analyzed for EPA 1664A by Pace Analytical Services Long Island. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30572587

Method: SM 4500H+B-2011

Description: 4500H+ pH, Electrometric

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

Date: April 05, 2023

General Information:

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

Hold Time:

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

H3: Sample was received or analysis requested beyond the recognized method holding time.

- System Effluent Grab 0323 (Lab ID: 30572587001)

H6: Analysis initiated outside of the 15 minute EPA required holding time.

- System Effluent Grab 0323 (Lab ID: 30572587001)

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Duplicate Sample:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30572587

Method: SM 4500CN-E-2016

Description: 4500CNE Cyanide, Total

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

Date: April 05, 2023

General Information:

1 sample was analyzed for SM 4500CN-E-2016 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with SM 4500-CN-C-2016 with any exceptions noted below.

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30572587

Sample: System Effluent Grab 0323 Lab ID: 30572587001 Collected: 03/22/23 12:15 Received: 03/23/23 09:55 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg									
Pentachlorophenol	ND	ug/L	2.4	1.5	1	03/27/23 10:20	04/02/23 22:32	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	85	%	10-175		1	03/27/23 10:20	04/02/23 22:32	4165-60-0	
2-Fluorobiphenyl (S)	70	%	20-133		1	03/27/23 10:20	04/02/23 22:32	321-60-8	
Terphenyl-d14 (S)	97	%	30-148		1	03/27/23 10:20	04/02/23 22:32	1718-51-0	
Phenol-d6 (S)	26	%	10-63		1	03/27/23 10:20	04/02/23 22:32	13127-88-3	
2-Fluorophenol (S)	41	%	10-95		1	03/27/23 10:20	04/02/23 22:32	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-166		1	03/27/23 10:20	04/02/23 22:32	118-79-6	
624.1 Volatile Organics Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg									
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.24	1		03/27/23 16:22	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		03/27/23 16:22	71-43-2	
Chloroform	ND	ug/L	4.0	1.2	1		03/27/23 16:22	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		03/27/23 16:22	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		03/27/23 16:22	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		03/27/23 16:22	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	94	%	80-120		1		03/27/23 16:22	460-00-4	
Toluene-d8 (S)	96	%	80-120		1		03/27/23 16:22	2037-26-5	
1,2-Dichloroethane-d4 (S)	105	%	80-120		1		03/27/23 16:22	17060-07-0	
Dibromofluoromethane (S)	94	%	74-125		1		03/27/23 16:22	1868-53-7	
HEM, Oil and Grease Analytical Method: EPA 1664A Pace Analytical Services - Long Island									
Oil and Grease	ND	mg/L	5.0	0.89	1		03/30/23 07:01		
4500H+ pH, Electrometric Analytical Method: SM 4500H+B-2011 Pace Analytical Services - Greensburg									
pH at 25 Degrees C	7.8	Std. Units	2.0	2.0	1		03/25/23 07:55		H3,H6
4500CNE Cyanide, Total Analytical Method: SM 4500CN-E-2016 Preparation Method: SM 4500-CN-C-2016 Pace Analytical Services - Greensburg									
Cyanide	ND	mg/L	0.010	0.0082	1	03/24/23 10:39	03/24/23 13:37	57-12-5	

Sample: Trip Blank Lab ID: 30572587002 Collected: 03/22/23 12:15 Received: 03/23/23 09:55 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg									
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.24	1		03/27/23 15:57	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		03/27/23 15:57	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30572587

Sample: Trip Blank		Lab ID: 30572587002		Collected: 03/22/23 12:15		Received: 03/23/23 09:55		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics		Analytical Method: EPA 624.1 Dec 2016 Pace Analytical Services - Greensburg							
Chloroform	ND	ug/L	4.0	1.2	1		03/27/23 15:57	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		03/27/23 15:57	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		03/27/23 15:57	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		03/27/23 15:57	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	90	%.	80-120		1		03/27/23 15:57	460-00-4	
Toluene-d8 (S)	95	%.	80-120		1		03/27/23 15:57	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%.	80-120		1		03/27/23 15:57	17060-07-0	
Dibromofluoromethane (S)	96	%.	74-125		1		03/27/23 15:57	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30572587

QC Batch: 576568 Analysis Method: EPA 624.1 Dec 2016
QC Batch Method: EPA 624.1 Dec 2016 Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30572587001, 30572587002

METHOD BLANK: 2799624 Matrix: Water
Associated Lab Samples: 30572587001, 30572587002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.24	03/27/23 12:35	
Benzene	ug/L	ND	1.0	0.41	03/27/23 12:35	
Chloroform	ug/L	ND	4.0	1.2	03/27/23 12:35	
Ethylbenzene	ug/L	ND	1.0	0.31	03/27/23 12:35	
Tetrachloroethene	ug/L	ND	1.0	0.30	03/27/23 12:35	
Toluene	ug/L	ND	1.0	0.24	03/27/23 12:35	
1,2-Dichloroethane-d4 (S)	%	99	80-120		03/27/23 12:35	
4-Bromofluorobenzene (S)	%	91	80-120		03/27/23 12:35	
Dibromofluoromethane (S)	%	93	74-125		03/27/23 12:35	
Toluene-d8 (S)	%	101	80-120		03/27/23 12:35	

LABORATORY CONTROL SAMPLE: 2799625

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	19.0	95	60-140	
Benzene	ug/L	20	19.8	99	65-135	
Chloroform	ug/L	20	17.8	89	70-135	
Ethylbenzene	ug/L	20	20.6	103	60-140	
Tetrachloroethene	ug/L	20	22.1	110	70-130	
Toluene	ug/L	20	20.4	102	70-130	
1,2-Dichloroethane-d4 (S)	%			90	80-120	
4-Bromofluorobenzene (S)	%			99	80-120	
Dibromofluoromethane (S)	%			91	74-125	
Toluene-d8 (S)	%			103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2799929 2799930

Parameter	Units	30570977001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	20	20	21.5	21.8	108	109	46-157	1	61	
Benzene	ug/L	1.0 U	20	20	22.3	21.5	112	107	37-151	4	61	
Chloroform	ug/L	1.4J	20	20	20.6	20.6	96	96	51-138	0	54	
Ethylbenzene	ug/L	1.0 U	20	20	23.0	22.9	115	114	37-162	1	63	
Tetrachloroethene	ug/L	1.0 U	20	20	26.2	25.0	131	125	64-148	4	39	
Toluene	ug/L	1.0 U	20	20	23.5	22.9	117	115	47-150	2	41	
1,2-Dichloroethane-d4 (S)	%						87	89	80-120			
4-Bromofluorobenzene (S)	%						95	102	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30572587

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2799929 2799930												
Parameter	Units	30570977001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Dibromofluoromethane (S)	%.						89	91	74-125			
Toluene-d8 (S)	%.						106	104	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30572587

QC Batch:	576424	Analysis Method:	EPA 625.1 Dec 2016
QC Batch Method:	EPA 625.1 Dec 2016	Analysis Description:	625.1 MSSV RV
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 30572587001

METHOD BLANK: 2799174 Matrix: Water
Associated Lab Samples: 30572587001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	2.5	1.5	03/28/23 12:40	
2,4,6-Tribromophenol (S)	%.	74	10-166		03/28/23 12:40	
2-Fluorobiphenyl (S)	%.	80	20-133		03/28/23 12:40	
2-Fluorophenol (S)	%.	37	10-95		03/28/23 12:40	
Nitrobenzene-d5 (S)	%.	101	10-175		03/28/23 12:40	
Phenol-d6 (S)	%.	20	10-63		03/28/23 12:40	
Terphenyl-d14 (S)	%.	110	30-148		03/28/23 12:40	

LABORATORY CONTROL SAMPLE: 2799175

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	10	9.9	99	38-152	
2,4,6-Tribromophenol (S)	%.			86	10-166	
2-Fluorobiphenyl (S)	%.			75	20-133	
2-Fluorophenol (S)	%.			31	10-95	
Nitrobenzene-d5 (S)	%.			110	10-175	
Phenol-d6 (S)	%.			18	10-63	
Terphenyl-d14 (S)	%.			97	30-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2799176 2799177

Parameter	Units	30572587001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/L	ND	9.8	9.8	13.1	12.9	133	132	14-176	1	86	
2,4,6-Tribromophenol (S)	%.						111	110	10-166			
2-Fluorobiphenyl (S)	%.						74	74	20-133			
2-Fluorophenol (S)	%.						40	38	10-95			
Nitrobenzene-d5 (S)	%.						90	94	10-175			
Phenol-d6 (S)	%.						27	23	10-63			
Terphenyl-d14 (S)	%.						85	90	30-148			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30572587

QC Batch: 299186

Analysis Method: EPA 1664A

QC Batch Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Laboratory: Pace Analytical Services - Long Island

Associated Lab Samples: 30572587001

METHOD BLANK: 1514660

Matrix: Water

Associated Lab Samples: 30572587001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	1.3	0.89	03/30/23 06:22	

LABORATORY CONTROL SAMPLE & LCSD: 1514661

1514662

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Oil and Grease	mg/L	40	34.7	36.2	87	90	78-114	4	20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30572587

QC Batch: 576349

Analysis Method: SM 4500H+B-2011

QC Batch Method: SM 4500H+B-2011

Analysis Description: 4500H+B pH

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30572587001

SAMPLE DUPLICATE: 2798896

Parameter	Units	30572849002 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.0	8.0	0	10	H3,H6

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30572587

QC Batch: 576201

Analysis Method: SM 4500CN-E-2016

QC Batch Method: SM 4500-CN-C-2016

Analysis Description: 4500CNE Cyanide, Total

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30572587001

METHOD BLANK: 2798107

Matrix: Water

Associated Lab Samples: 30572587001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	03/24/23 13:33	

LABORATORY CONTROL SAMPLE: 2798108

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.21	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2798109 2798110

Parameter	Units	30572234001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.1	0.1	0.11	0.11	99	100	90-110	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: National Grid - Gloversville
Pace Project No.: 30572587

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

H6 Analysis initiated outside of the 15 minute EPA required holding time.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

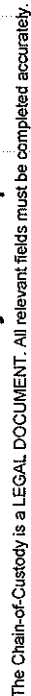
Project: National Grid - Gloversville

Pace Project No.: 30572587

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30572587001	System Effluent Grab 0323	EPA 625.1 Dec 2016	576424	EPA 625.1 Dec 2016	576617
30572587001	System Effluent Grab 0323	EPA 624.1 Dec 2016	576568		
30572587002	Trip Blank	EPA 624.1 Dec 2016	576568		
30572587001	System Effluent Grab 0323	EPA 1664A	299186		
30572587001	System Effluent Grab 0323	SM 4500H+B-2011	576349		
30572587001	System Effluent Grab 0323	SM 4500-CN-C-2016	576201	SM 4500CN-E-2016	576253

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Container Order #1065005

Addresses	Ship To :	Return To:
Order By :		
Company GES-Syracuse	Company GES-Syracuse	Company Pace Analytical Pittsburgh
Contact Beaumont, Tim	Contact Beaumont, Tim	Contact Christner, Rachel
Email tbeaumont@gesonline.com	Email tbeaumont@gesonline.com	Email rachel.christner@pacelabs.com
Address 6780 Northern Blvd.	Address 6780 Northern Blvd.	Address 1638 Roseytown Road
Address 2 Suite 100	Address 2 Suite 100	Address 2 Suites 2,3,4
City East Syracuse	City East Syracuse	City Greensburg
State NY Zip 13057	State NY Zip 13057	State PA Zip 15601
Phone 800-220-3069	Phone 800-220-3069	Phone 724-850-5611

Info			
Project Name National Grid - Gloversville Former MGP Site	Due Date 02/23/2023	Profile 7144	Quote
Project Manager Christner, Rachel	Return Date	Carrier FedEx Standard Overnight	Location NY

Trip Blanks <input checked="" type="checkbox"/> Include Trip Blanks	Bottle Labels <input type="checkbox"/> Blank <input type="checkbox"/> Pre-Printed No Sample IDs <input checked="" type="checkbox"/> Pre-Printed With Sample IDs	Bottles <input type="checkbox"/> Boxed Cases <input checked="" type="checkbox"/> Individually Wrapped <input type="checkbox"/> Grouped By Sample ID/Matrix
Return Shipping Labels <input type="checkbox"/> No Shipper <input type="checkbox"/> With Shipper	Misc <input type="checkbox"/> Sampling Instructions <input checked="" type="checkbox"/> Custody Seal <input type="checkbox"/> Temp. Blanks <input checked="" type="checkbox"/> Coolers <input type="checkbox"/> Syringes	
COC Options <input type="checkbox"/> Number of Blanks <input checked="" type="checkbox"/> Pre-Printed	<input type="checkbox"/> Extra Bubble Wrap <input type="checkbox"/> Short Hold/Rush Stickers <input type="checkbox"/> DI Water <input type="text" value="Liter(s)"/> <input type="checkbox"/> USDA Regulated Soils	

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
1	WT	VOC by 8260	3 x 40 mL VOA HCl	3	0	010923-3CYR	
1	WT	Oil and Grease by 1664 HEM	3-1L amber glass HCl	3	2	013023-1DAW	
1	WT	Phenolics by 420.1	250mL amber glass H2SO4	1	0	111422-1HA	
1	WT	Cyanide	250mL plastic NaOH	1	0	112822-2EJF	
1	WT	pH by 4500H+	250mL plastic unpres	1	0	091222-2EIJ	
1	WT	SVOA 625	2-100mL Amber Glass Unpreserved	6	2	011623-1CIM	
1	WT	Trip Blank	2-40mL HCl+DI water	2	0	010923-3CYR	

Hazard Shipping Placard In Place : NO

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody.

LAB USE:

Ship Date : 02/22/2023

Prepared By: David F

Verified By: Jacob Klunk

Sample

WO# : 30572587

PM: DAP

Due Date: 03/30/23

CLIENT: GES-Syracuse

CLIENT USE (Optional):

Date Rec'd:

Received By:

Verified By:



DC#_Title: ENV-FRM-GBUR-0088 v04_Sample Condition Upon Receipt-
Pittsburgh

Effective Date: 02/03/2023

WO#: 30572587

PM: DAP

Due Date: 03/30/23

Client Name:

ges

CLIENT: GES-Syracuse

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking Number:

6145 2946 4779

Custody Seal on Cooler/Box Present:

☐ Yes ☒ No

Seals Intact:

☐ Yes ☒ No

Thermometer Used:

17

Type of Ice:

Wet Blue None

Cooler Temperature: Observed Temp

4.1 °C

Correction Factor:

+0.6 °C

Final Temp:

4.7 °C

Temp should be above freezing to 6°C

Examined By

TH

Labeled By

TH

Temped By

JS

Comments:

Chain of Custody Present

Yes

No

NA

pH paper Lot#

1003121

D.P.D. Residual Chlorine Lot #

Y99A0924

Chain of Custody Filled Out:

-Were client corrections present on COC

Chain of Custody Relinquished

Sampler Name & Signature on COC:

Sample Labels match COC:

-Includes date/time/ID

Matrix:

WT

Samples Arrived within Hold Time:

Short Hold Time Analysis (<72hr remaining):

Rush Turn Around Time Requested:

Sufficient Volume:

Correct Containers Used:

-Pace Containers Used

Containers Intact:

Orthophosphate field filtered:

Hex Cr Aqueous samples field filtered:

Organic Samples checked for dechlorination

Filtered volume received for dissolved tests:

All containers checked for preservation:

exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix

All containers meet method preservation requirements:

Initial when completed

TH

Date/Time of Preservation

Lot# of added Preservative

8260C/D: Headspace in VOA Vials (> 6mm)

624.1: Headspace in VOA Vials (0mm)

Trip Blank Present:

Trip blank custody seal present? YES or NO

Rad Samples Screened <0.5 mrem/hr.

Initial when completed

TH

Date: 3/23/23

Survey Meter SN: 1585

Comments:

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Client

GES

Profile Number

714

Site

Page 1 of 1

Notes

Sample Line Item	Amber Glass				Plastic								Vials				Other										
	Matrix	AG1H	AG3S	AG3U	AG5U	AG5T	BP1N	BP1U	BP2S	BP2U	BP3C	BP3N	BP3S	BP3U	DG9S	VG9H	VG9T	VG9U	VOAK	WGFU	WGKU	ZPLC	GCUB	GJN	I2GN	GN	BG1U
2	← 3	2			6						L			L		23											

WO#: 30572587

PM: DAP

Due Date: 03/30/23

CLIENT: GES-Syracuse

Container Codes

Glass		
GGJN	1 Gallon Jug with HNO3	DG9S
AG5U	100mL amber glass unpreserved	VG9U
AG5T	100mL amber glass Na Thiosulfate	VG9T
GGJN	1 Gallon Jug	VG9H
AG1S	1L amber glass H2SO4	JGFU
AG1H	1L amber glass HCl	WGFU
AG1T	1L amber glass NA Thiosulfate	BG2U
BG1U	1L clear glass unpreserved	AG2U
AG3S	250mL amber glass H2SO4	WGKU
AG3U	250mL amber glass unpreserved	GN
		General

Glass

Plastic/Misc.		
GCUB	1 gallon cubitainer	EZI 5g Encore
12GN	1/2 gallon cubitainer	VOAK Kit Volatile Solid
SP5T	120mL coliform Na Thiosulfate	I Wipe/Swab
BP1N	1L plastic HNO3	ZPLC Siploc Bag
BP1U	1L plastic unpreserved	
BP3S	250mL plastic H2SO4	WT Water
BP3N	250mL plastic HNO3	SL Solid
BP3U	250mL plastic unpreserved	OL Non-Aq Liquid
BP3C	250mL plastic NaOH	WP Wipe
BP2S	500mL plastic H2SO4	
BP2U	500mL plastic unpreserved	

Plastic/Misc.

Internal Transfer Chain of Custody



☐ Samples Pre-Logged into eCOC.

State Of Origin: NY

Cert. Needed: ☒ Yes ☐ No

Owner Received Date: 3/23/2023 Results Requested By: 4/6/2023

Workorder: 30572587 Workorder Name: National Grid - Gloversville

Report To Subcontract To

David A. Pichette
Pace Analytical Pittsburgh
1638 Roseytown Road
Suites 2,3,4
Greensburg, PA 15601
Phone (724)850-5617

Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040

Preserved Containers

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	TOH
1	System Effluent Grab 0323	PS	3/22/2023 12:15	30572587001	Water	1
2						
3						
4						
5						

WO#: 70250777
70250777

1664 O&G

X

LAB USE ONLY

Comments

Transfers	Released By	Date/Time	Received By	Date/Time
1	<i>[Signature]</i>	3-27-23 1700	<i>ASH (Pace)</i>	3/28/23 1040
2				
3				

Cooler Temperature on Receipt °C Custody Seal Y or N Received on Ice Y or N Samples Intact Y or N

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
This chain of custody is considered complete as is since this information is available in the owner laboratory.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

[illegible]

E-File.(ALLQ020rev.3.31Mar05). 13Jun2005

Pace Container Order #1065005

Addresses		Ship To :	Return To:
Order By :			
Company <u>GES-Syracuse</u>		Company <u>GES-Syracuse</u>	Company <u>Pace Analytical Pittsburgh</u>
Contact <u>Beaumont, Tim</u>		Contact <u>Beaumont, Tim</u>	Contact <u>Christner, Rachel</u>
Email <u>tbeaumont@gesonline.com</u>		Email <u>tbeaumont@gesonline.com</u>	Email <u>rachel.christner@pacelabs.com</u>
Address <u>6780 Northern Blvd.</u>		Address <u>6780 Northern Blvd.</u>	Address <u>1638 Roseytown Road</u>
Address 2 <u>Suite 100</u>		Address 2 <u>Suite 100</u>	Address 2 <u>Suites 2,3,4</u>
City <u>East Syracuse</u>		City <u>East Syracuse</u>	City <u>Greensburg</u>
State <u>NY</u> Zip <u>13057</u>		State <u>NY</u> Zip <u>13057</u>	State <u>PA</u> Zip <u>15601</u>
Phone <u>800-220-3069</u>		Phone <u>800-220-3069</u>	Phone <u>724-850-5611</u>

Info			
Project Name <u>National Grid - Gloversville Former MGP Site</u>	Due Date <u>02/23/2023</u>	Profile <u>7144</u>	Quote _____
Project Manager <u>Christner, Rachel</u>	Return Date _____	Carrier <u>FedEx Standard Overnight</u>	Location <u>NY</u>

Trip Blanks <input checked="" type="checkbox"/> Include Trip Blanks	Bottle Labels <input type="checkbox"/> Blank <input type="checkbox"/> Pre-Printed No Sample IDs <input checked="" type="checkbox"/> Pre-Printed With Sample IDs	Bottles <input type="checkbox"/> Boxed Cases <input checked="" type="checkbox"/> Individually Wrapped <input type="checkbox"/> Grouped By Sample ID/Matrix
Return Shipping Labels <input type="checkbox"/> No Shipper <input type="checkbox"/> With Shipper	Misc <input type="checkbox"/> Sampling Instructions <input checked="" type="checkbox"/> Custody Seal <input type="checkbox"/> Temp. Blanks <input checked="" type="checkbox"/> Coolers _____ <input type="checkbox"/> Syringes _____	
COC Options <input type="checkbox"/> Number of Blanks _____ <input checked="" type="checkbox"/> Pre-Printed _____	<input type="checkbox"/> Extra Bubble Wrap <input type="checkbox"/> Short Hold/Rush Stickers <input type="checkbox"/> DI Water <u>Liter(s)</u> _____ <input type="checkbox"/> USDA Regulated Soils	

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
1	WT	VOC by 8260	3 x 40 mL VOA HCl	3	0	010923-3CYR	
1	WT	Oil and Grease by 1664 HEM	3-1L amber glass HCl	3	2	013023-1DAW	
1	WT	Phenolics by 420.1	250mL amber glass H2SO4	1	0	111422-1HA	
1	WT	Cyanide	250mL plastic NaOH	1	0	112822-2EJF	
1	WT	pH by 4500H+	250mL plastic unpres	1	0	091222-2EY	
1	WT	SVOA 625	2-100mL Amber Glass Unpreserved	6	2	011623-1CIM	
1	WT	Trip Blank	2-40mL HCl+DI water	2	0	010923-3CYR	

Hazard Shipping Placard In Place : NO

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*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody.

LAB USE:

Ship Date :	<u>02/22/2023</u>
Prepared By:	<u>David F</u>
Verified By:	<u>Jacob Klunk</u>

Sample

WO# : 30572587

PM: DAP

Due Date: 03/30/23

CLIENT: GES-Syracuse

CLIENT USE (Optional):

Date Rec'd:	
Received By:	
Verified By:	



DC#_Title: ENV-FRM-GBUR-0088 v04_Sample Condition Upon Receipt-
Pittsburgh

Effective Date: 02/03/2023

WO#: 30572587

PM: DAP

Due Date: 03/30/23

Client Name:

ges

CLIENT: GES-Syracuse

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ C

Tracking Number:

6145 2946 4979

Custody Seal on Cooler/Box Present:

☐ Yes ☒ No

Seals Intact:

☐ Yes ☒ No

Thermometer Used:

17

Type of Ice:

Wet Blue None

Examined By

TH

Labeled By

TH

Tempered By

JS

Cooler Temperature: Observed Temp

4.1 °C

Correction Factor: +0.6 °C

Final Temp: 4.7 °C

Temp should be above freezing to 6°C

Comments:	pH paper Lot#			D.P.D. Residual Chlorine Lot #	
	Yes	No	NA		
Chain of Custody Present	<input checked="" type="checkbox"/>			1003121	Y99A-0924
Chain of Custody Filled Out:					
-Were client corrections present on COC		<input checked="" type="checkbox"/>			
Chain of Custody Relinquished	<input checked="" type="checkbox"/>				
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/>				
Sample Labels match COC:	<input checked="" type="checkbox"/>				
-Includes date/time/ID					
Matrix:					
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>				
Short Hold Time Analysis (<72hr remaining):		<input checked="" type="checkbox"/>			
Rush Turn Around Time Requested:		<input checked="" type="checkbox"/>			
Sufficient Volume:	<input checked="" type="checkbox"/>				
Correct Containers Used:	<input checked="" type="checkbox"/>				
-Pace Containers Used	<input checked="" type="checkbox"/>				
Containers Intact:	<input checked="" type="checkbox"/>				
Orthophosphate field filtered:					
Hex Cr Aqueous samples field filtered:					
Organic Samples checked for dechlorination	<input checked="" type="checkbox"/>				
Filtered volume received for dissolved tests:	<input checked="" type="checkbox"/>				
All containers checked for preservation:	<input checked="" type="checkbox"/>				
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix					
All containers meet method preservation requirements:	<input checked="" type="checkbox"/>			Initial when completed TH	Date/Time of Preservation
8260C/D: Headspace in VOA Vials (> 6mm)			<input checked="" type="checkbox"/>	Lot# of added Preservative	
624.1: Headspace in VOA Vials (0mm)			<input checked="" type="checkbox"/>		
Trip Blank Present:			<input checked="" type="checkbox"/>		
Rad Samples Screened <0.5 mrem/hr.	<input checked="" type="checkbox"/>			Initial when completed TH	Date: 3/23/23 Survey Meter SN: 1563
Comments:					

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Client GES

Profile Number 7144

Site Page 1 of 1

Notes

Sample Line Item	Amber Glass					Plastic								Vials					Other								
	Matrix	AG1H	AG3S	AG3U	AG5U	AG5T	BP1N	BP1U	BP2S	BP2U	BP3C	BP3N	BP3S	BP3U	DG9S	VG9H	VG9T	VG9U	VOAK	WG9U	WGKU	ZPLC	GCUB	GJN	12GN	GN	BG1U
2	3	2			6						1			1		2											

Sample Condition Upon Receipt

Pace Analytical®

Client Name:

Pace - PA

WO#: 70250777

PM: MN2

Due Date: 04/04/23

CLIENT: PACE-PA

Courier: ☐ Fed-Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 6145 2947 0996

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ No ☐ N/A

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH0: JH148

Correction Factor:

Cooler Temperature(°C): 3.2

Cooler Temperature Corrected(°C): 3.3

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: UJ 3/26/23

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Includes date/time/ID, Matrix: SL/WI/OIL		
All containers needing preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Initial when completed: Lot # of added preservative: Date/Time preservative added:
KI starch test strips Lot #		Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		Positive for Sulfide? Y N
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Lead Acetate Strips Lot #		16.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For

Pace Analytical Services, Inc.-PA

Project 30572587
Workorder 3294593
Report ID 234337 on 3/30/2023

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Mar 25, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):

David Pichette - Pace Analytical Services, Inc.
Emailed Reports - Pace Analytical Services, Inc.
Tonya Hironimus - Pace Analytical Services, Inc.

Sarah Leung

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Sarah Leung
Project Coordinator

(ALS Digital Signature)



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3294593001	30572587001	Water	03/22/2023 12:15	03/25/2023 08:42	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



	Project Notations
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Lab ID	Sample ID	Sample Notations
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Notation Ref.	Result Notations
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Detected Results Summary

Client Sample ID	30572587001	Collected	03/22/2023 12:15
Lab Sample ID	3294593001	Lab Receipt	03/25/2023 08:42

Compound	Result	Units	RDL	MDL	Method	Flag
WET CHEMISTRY						
Phenolics	0.002J	mg/L	0.004	0.002	EPA 420.4	#



Results

Client Sample ID	30572587001	Collected	03/22/2023 12:15
Lab Sample ID	3294593001	Lab Receipt	03/25/2023 08:42

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Phenolics	0.002J	J	mg/L	0.004	0.002	EPA 420.4	1	03/29/2023 15:29	AKH	A



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3294593001	30572587001	EPA 420.4	SW846 9066	



QUALITY CONTROL SAMPLES

WET CHEMISTRY

QC Batch

QC Batch	966576	Prep Method	SW846 9066
Date	03/29/2023 07:13	Analysis Method	EPA 420.4
Tech.	AKH		

Associated Samples

3294593001

Matrix Spike Duplicate 3644942 (MSD) 3293033001 (non-Project Sample) For QC Batch 966576

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MSD	0.0980	0	0.10	97.5	90 - 110	RPD 0.31 (Max-10)	

Matrix Spike 3644943 (MS) 3293961002 (non-Project Sample) For QC Batch 966576

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.0990	0	0.10	98.5	90 - 110		

Matrix Spike 3644946 (MS) 3294437003 (non-Project Sample) For QC Batch 966576

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.10	-0.0009	0.10	101	90 - 110		

Matrix Spike Duplicate 3644948 (MSD) 3294593001 For QC Batch 966576

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MSD	0.1020	0.0020	0.10	99.3	90 - 110	RPD 1.19 (Max-10)	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3294593001	30572587001	SW846 9066	966576	03/29/2023 07:13	AKH	EPA 420.4	966696

Chain of Custody



3294593

Logged By: KSB
PM: SSL



Contractor Project No.:

P.O. No: ASR- 30572587

Sample Condition upon Receipt:

(Please record the following information)

Temp in C	
Received on Ice	Yes
Sealed Cooler	Yes
Samples Intact	Yes



Pace Analytical Services, Inc.
1638 Roseytown Road
Suites 2,3, & 4
Greensburg, PA 15601
Phone: (724) 850-5600
FAX: (724) 850-5601

Request Date: 3/23/23
Shipped By: FedEx
Analysis Due Date: 4/6/2023

Certification Required: NY

Pace Project No.: 30572587
Report/Invoice to: David Pichette

Page 1 of 1

Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Preservative Type:
1	water	3/22/23	12:15	Phenolics 420.4		H ₂ SO ₄
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

AMEF
3/25/23

Temp By: AMEF 0.°
WO Temp (°C)

Therm ID
SBA

Receipt Info Completed By:
Cooler Custody Seal Intact
Sample Custody Seal Intact
Received on Ice
Cooler & Samples Intact
Correct Containers Provided
Sample Label/COC Agree
Adequate Sample Volumes
CR6 Samples Filtered
OP Samples Filtered
VOA Headspace Present
Voa Trip Blank
NJ≤4 Days?
Rad Screen (uCi)
Courier/Tracking #:
SDWA Compliance
PWSID
WV Containers 0-6°C

Special Requirements: ****Please see

Information on the final report****

Subcontract Lab: Analytical Laboratory Services, Inc.
Address: 301 Filling Mill Rd.
Middletown, PA 17057
Phone: 717-944-5541

Pace Agent Name

Title

Subcontract Lab Agent

Title

Relinquished By: 3-24-23 1200

(Signature & Affiliation) (Date) (Time)

Relinquished By: FedEx

(Signature & Affiliation) (Date) (Time)

Received By: FedEx

(Signature & Affiliation) (Date) (Time)

Received By: AMEF / AUS

(Signature & Affiliation) (Date) (Time)

Comments:

In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document. This chain of custody is considered complete as is since this information is available in the owner laboratory.



Appendix D – System Operational Data Summary
