

January 15, 2024

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 July 1 to December 31, 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

January 2024

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

Prepared by:
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GES Project:
0603400.120780.221

Date:
January 15, 2024

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	4

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 July and December 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.
- An 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;
- Pump panel and PLC upgrades were completed by Motion AI;
- 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 August 23, 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 September 5, and September 15, 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 July through December 2023, the water treatment system treated and discharged approximately 7,764,000 gallons of water to the POTW sewer at an average flow of 24.81 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 274 million gallons have been successfully treated and discharged without a permit exceedance.

4 Future Activities

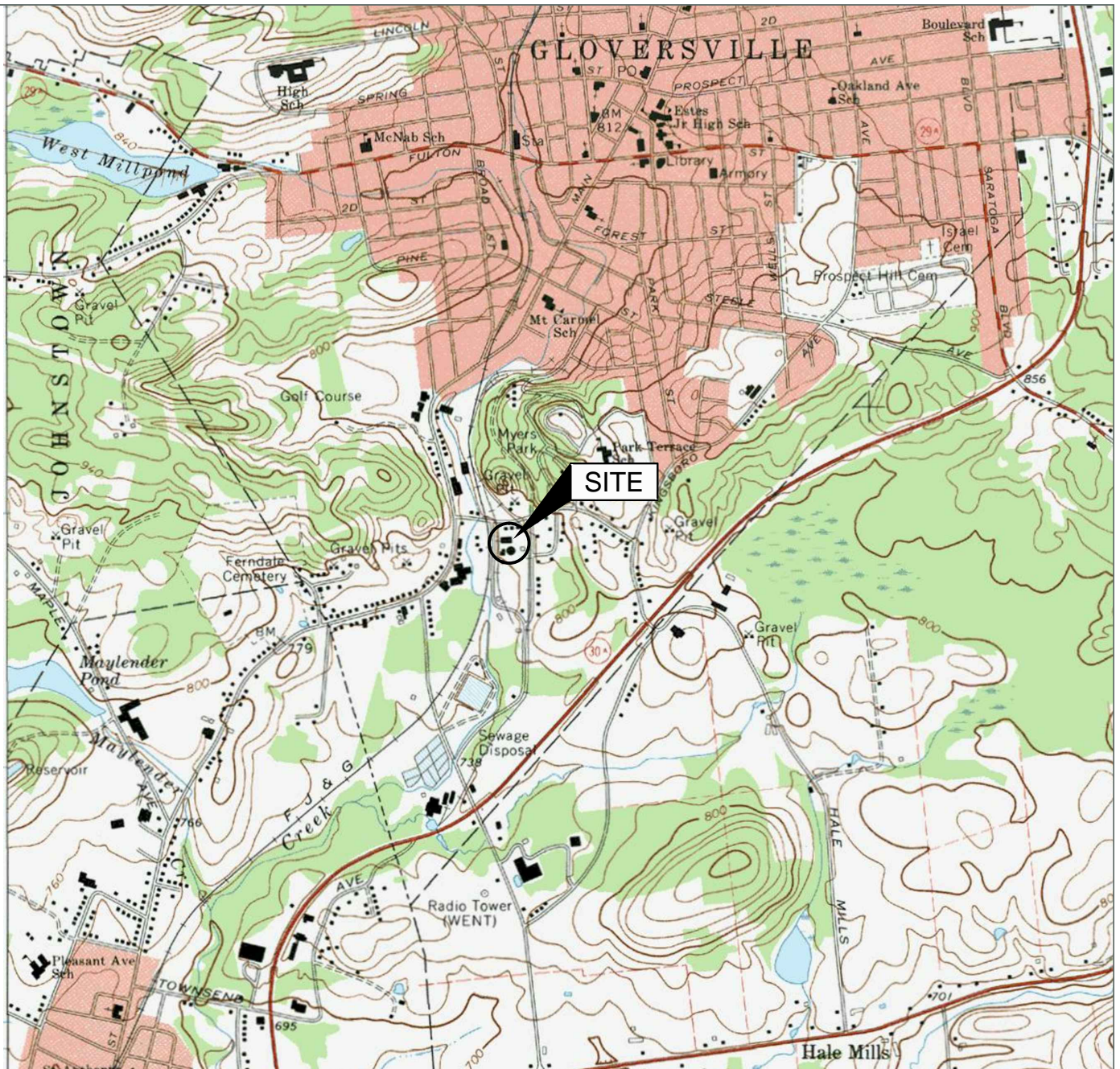
Below are OM&M activities planned for the next six months (January 2024 – June 2023):



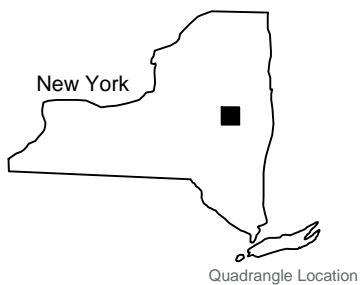
- Conduct monthly site-wide inspections and weekly water treatment system inspections. Document the inspections.
- Operate the water treatment system in continuous batch mode. During normal operations, it is anticipated that 1 (one) on-site day per week will be required (to conduct OM&M activities such 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 March 2024.
- 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 January 1, 2024, through June 30, 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

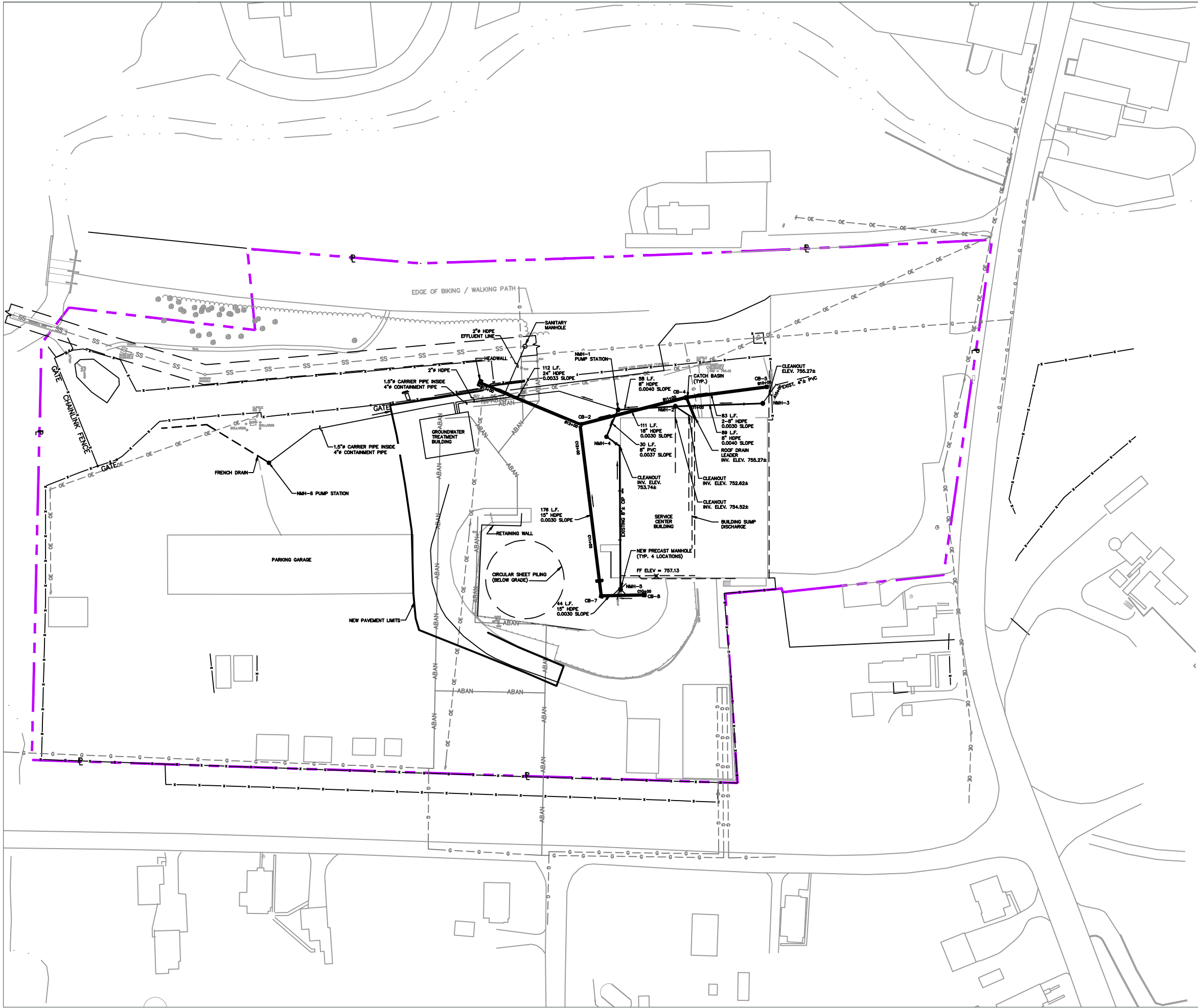


Scale In Feet



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

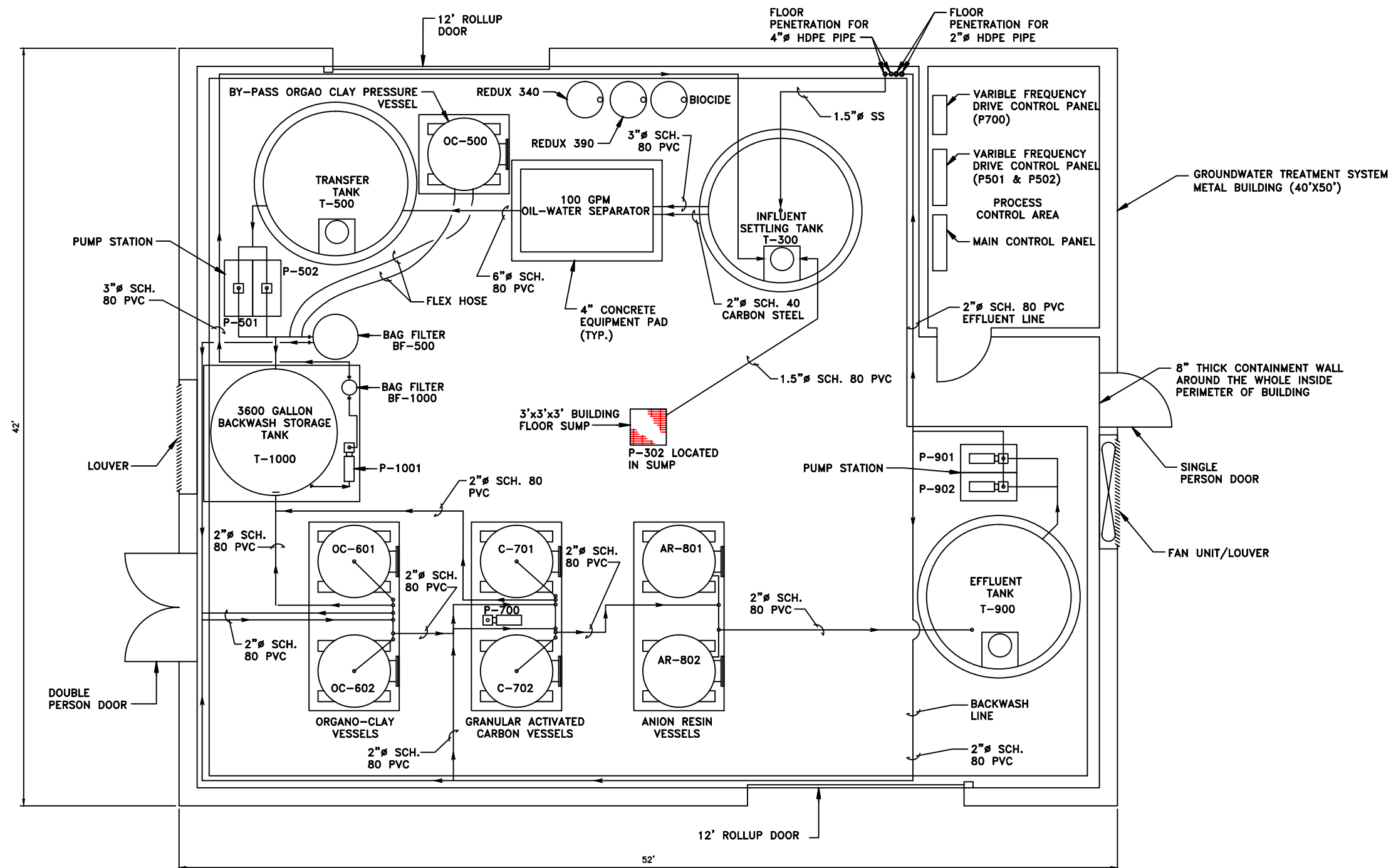
Drawn
W.G.S.
Designed
Approved


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

Drawn
W.G.S.
Designed

Approved

Date
1-22-18
Figure

3

Not to Scale



Not to Scale

M:\Graphics\0600-Syracuse\Misc\National Grid\Gloversville\Eng\Gloversville P&ID Legend.dwg, Template B, WShea

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: ½ 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

BAG SIZE: NO. 2 BAGS
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	08/23/23
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 (<0.000024)
BHC, Isomers (sum)	0.0002	Semi-Annual	ND (<0.000024)
Total Chlorinated Phenols	0.01	Semi-Annual	ND (<0.0010)
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	08/23/23
Benzene	0.014	Semi-Annual	ND (<0.0010)
Chloroform	0.41	Semi-Annual	ND (<0.0040)
Cyanide, Total	0.10	Semi-Annual	0.017
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 (<0.005)
Oil & Grease	150	Semi-Annual	ND (<5.0)
Temperature, °F	150	Semi-Annual	NM
pH, SU	6-10	Semi-Annual	7.7

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: 7/5/2023

Time: 1200

Technician: KL

Weather: sunny 89

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.

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

Date: 8/3/2023

Time: 0930

Technician: KL

Weather: sunny 70

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.

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

Date: 9/6/2023

Time: 1115

Technician: KL

Weather: sunny 81

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.

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

Date: 10/17/2023

Time: 1315

Technician: KL

Weather: Cloudy 60

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.

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

Date: 11/08/2023

Time: 0900

Technician: KL

Weather: Sunny 32

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.

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

Date: 12/05/2023

Time: 1000

Technician: KL

Weather: cloudy 35

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: 12/28/2023

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

Time: 1015

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	parallel	
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	No	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: 12/21/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1015

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	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?	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	parallel	
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	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: 12/12/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1215

Weather: sunny 37

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	parallel	
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 5/17/2023 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: 12/05/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: clouy 35

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 5/17/2023 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	parallel	
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 5/17/2023 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: 11/29/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: sunny 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	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 5/17/2023 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	parallel	
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?	66		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: 11/21/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1200

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	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 5/17/2023 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	parallel	
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?	74		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: 11/14/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: sunny 51

Time: 1100

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 5/17/2023 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	parallel	
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?	82		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: 11/08/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1230

Weather: sunny 42

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 5/17/2023 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	parallel	
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?	90		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: 10/31/2023

National Grid
Gloversville, New York

Technician: KL

Time: 1230

Weather: sunny 42

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 5/17/2023 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	parallel	
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?	98		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: 10/24/2023

National Grid

Technician: KL

Time: 1200

Gloversville, New York

Weather: sunny 60

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 5/17/2023 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	parallel	
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?	106		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: 10/17/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: Cloudy 60

Time: 1330

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 5/17/2023 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	parallel	
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: 10/9/2023

National Grid
Gloversville, New York

Technician: TB

Time: 1400

Weather: Cloudy 60

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 5/17/2023 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	parallel	
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: 10/2/2023

National Grid
Gloversville, New YorkTechnician: TB
Weather: Sunny 75

Time: 1730

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?	5			
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	parallel	
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: 09/25/2023

National Grid
Gloversville, New YorkTechnician: TB
Weather: Sunny 69

Time: 1730

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 5/17/2023 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	parallel	
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	

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 5/17/2023 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	parallel	
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: 09/12/2023

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 69

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?	3			
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	parallel	
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: 09/06/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 72

Time: 1145

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?	3			
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	parallel	
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: 08/29/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 72

Time: 1145

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?	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?	3			
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	parallel	
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	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: 08/22/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 72

Time: 1200

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?	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?	3			
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?	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 5/17/2023 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: 08/15/2023

Time: 1315

National Grid
Gloversville, New York

Technician: KL

Weather: PC 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	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?	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?	4			
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?	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 5/17/2023 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: 08/08/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 72

Time: 1215

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?	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?	4			
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?	186		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: 08/03/2023

National Grid
Gloversville, New YorkTechnician: KL
Weather: Sunny 70

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	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?	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?	4			
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?	194		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: 07/23/2023

National Grid
Gloversville, New YorkTechnician: TB
Weather: Sunny 86

Time: 1545

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?	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?	4			
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?	82		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: 07/17/2023

National Grid
Gloversville, New York

Technician: tb

Time: 1500

Weather: Hazy 92

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?	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?	4			
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?	90		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: 07/11/2023

National Grid
Gloversville, New York

Technician: KL

Time: 0930

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	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?	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?	5			
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?	98		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: 07/05/2023

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	0			
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?	0			
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?	106		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	



Appendix C – Treated Effluent Water Analytical Data

Rebecca Keating

To: Timothy Beaumont
Subject: RE: National Grid - Gloversville - System Effluent Composite 0923 Hexachrome hold time not met

From: Samantha Bayura <samantha.bayura@pacelabs.com>
Sent: Monday, August 28, 2023 5:01 PM
To: Timothy Beaumont <TBeaumont@gesonline.com>
Cc: Justin Horn <justin.horn@pacelabs.com>; Devin T Shay <DShay@gesonline.com>
Subject: RE: National Grid - Gloversville - System Effluent Composite 0923 Hexachrome hold time not met

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Tim,
The hexachrome was ran 8/25/23 @ 1951. The sample will be flagged as out of hold. If you need more information added to the case narrative regarding the missed hold time please let Justin know and he can have it added. I was helping with reviewing his login when I came across this missed hold time.

Thanks,
Sam

Samantha Bayura
d: 724-850-5639 | o: 724-850-5600 | pacelabs.com

From: Timothy Beaumont <TBeaumont@gesonline.com>
Sent: Monday, August 28, 2023 4:57 PM
To: Samantha Bayura <samantha.bayura@pacelabs.com>
Cc: Justin Horn <justin.horn@pacelabs.com>; Devin T Shay <DShay@gesonline.com>
Subject: Re: National Grid - Gloversville - System Effluent Composite 0923 Hexachrome hold time not met

CAUTION: This email originated from outside Pace Analytical. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ok. So when was the hex chrom actually ran then?
That narrative will also be in the report too correct?

Thanks
Tim

Tim Beaumont
GES
585-739-2368

On Aug 28, 2023, at 16:33, Samantha Bayura <samantha.bayura@pacelabs.com> wrote:

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

The sample listed above was received at the lab prior to the hold time expiring, but until all coolers received with FedEx were triaged and unpacked this was not able to meet the hold time for hexachrome analysis. We have proceeded with the hexachrome analysis of this sample and will report it unless notified otherwise.

(30616479)

Thanks,
Sam

Samantha Bayura

Project Manager

1638 Roseytown Rd. Suites 2,3 4, Greensburg, PA 15601

d: 724-850-5639 | o: 724-850-5600 | pacelabs.com

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September 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.: 30616479

Dear Mr. Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 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

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.
Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville
Pace Project No.: 30616479

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.: 30616479

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30616479001	System Effluent Composite 0923	Water	08/23/23 12:15	08/24/23 09:20

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30616479

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30616479001	System Effluent Composite 0923	EPA 608.3 Dec 2016	CTS	7	PASI-PA
		EPA 200.7	JWT	11	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.: 30616479

Method: EPA 608.3 Dec 2016
Description: 608.3 Pesticides Reduced Vol.
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 05, 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.: 30616479

Method: EPA 200.7
Description: 200.7 Metals, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 05, 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.

Duplicate Sample:

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

Additional Comments:

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PROJECT NARRATIVE

Project: National Grid - Gloversville
Pace Project No.: 30616479

Method: EPA 245.1
Description: 245.1 Mercury
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 05, 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:

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PROJECT NARRATIVE

Project: National Grid - Gloversville
Pace Project No.: 30616479

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

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PROJECT NARRATIVE

Project: National Grid - Gloversville
Pace Project No.: 30616479

Method: SM 3500-CrB-2011
Description: Chromium, Hexavalent
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 05, 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.

- H1: Analysis conducted outside the EPA method holding time.
- System Effluent Composite 0923 (Lab ID: 30616479001)

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: 611395

Analyte Comments:

QC Batch: 611395

- 1c: Due to limited volume for MS/MSD, LCSD was analyzed
- BLANK (Lab ID: 2976049)
 - Chromium, Hexavalent
 - LCS (Lab ID: 2976050)
 - Chromium, Hexavalent
 - LCSD (Lab ID: 2976051)
 - Chromium, Hexavalent
 - System Effluent Composite 0923 (Lab ID: 30616479001)
 - 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.: 30616479

Sample: System Effluent Composite 0923 Lab ID: 30616479001 Collected: 08/23/23 12:15 Received: 08/24/23 09:20 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	0.024	0.0028	1	08/25/23 12:35	08/28/23 11:05	309-00-2	
alpha-BHC	ND	ug/L	0.024	0.0083	1	08/25/23 12:35	08/28/23 11:05	319-84-6	
beta-BHC	ND	ug/L	0.024	0.018	1	08/25/23 12:35	08/28/23 11:05	319-85-7	
delta-BHC	ND	ug/L	0.024	0.017	1	08/25/23 12:35	08/28/23 11:05	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.024	0.013	1	08/25/23 12:35	08/28/23 11:05	58-89-9	
Surrogates									
Tetrachloro-m-xylene (S)	71	%.	10-103		1	08/25/23 12:35	08/28/23 11:05	877-09-8	
Decachlorobiphenyl (S)	87	%.	10-114		1	08/25/23 12:35	08/28/23 11:05	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	09/01/23 08:08	09/01/23 14:51	7440-36-0	
Arsenic	ND	ug/L	10.0	5.3	1	09/01/23 08:08	09/01/23 14:51	7440-38-2	
Cadmium	ND	ug/L	2.5	0.31	1	09/01/23 08:08	09/01/23 14:51	7440-43-9	
Chromium	ND	ug/L	10.0	1.1	1	09/01/23 08:08	09/01/23 14:51	7440-47-3	
Copper	ND	ug/L	25.0	3.7	1	09/01/23 08:08	09/01/23 14:51	7440-50-8	
Lead	ND	ug/L	5.0	2.2	1	09/01/23 08:08	09/01/23 14:51	7439-92-1	
Nickel	ND	ug/L	40.0	4.4	1	09/01/23 08:08	09/01/23 14:51	7440-02-0	
Selenium	ND	ug/L	10.0	7.1	1	09/01/23 08:08	09/01/23 14:51	7782-49-2	
Silver	ND	ug/L	10.0	1.2	1	09/01/23 08:08	09/01/23 14:51	7440-22-4	
Thallium	ND	ug/L	10.0	5.3	1	09/01/23 08:08	09/01/23 14:51	7440-28-0	
Zinc	ND	ug/L	20.0	8.6	1	09/01/23 08:08	09/01/23 14:51	7440-66-6	
245.1 Mercury Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 Pace Analytical Services - Long Island									
Mercury	ND	ug/L	0.20	0.15	1	09/05/23 07:00	09/05/23 13:45	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	1.0	0.60	1	08/28/23 08:20	08/29/23 23:39	88-06-2	
2,4-Dichlorophenol	ND	ug/L	1.0	0.62	1	08/28/23 08:20	08/29/23 23:39	120-83-2	
2-Chlorophenol	ND	ug/L	1.0	0.59	1	08/28/23 08:20	08/29/23 23:39	95-57-8	
4-Chloro-3-methylphenol	ND	ug/L	1.0	0.64	1	08/28/23 08:20	08/29/23 23:39	59-50-7	
Naphthalene	ND	ug/L	2.5	0.67	1	08/28/23 08:20	08/29/23 23:39	91-20-3	
Pentachlorophenol	ND	ug/L	2.5	1.5	1	08/28/23 08:20	08/29/23 23:39	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	67	%.	10-175		1	08/28/23 08:20	08/29/23 23:39	4165-60-0	
2-Fluorobiphenyl (S)	65	%.	20-133		1	08/28/23 08:20	08/29/23 23:39	321-60-8	
Terphenyl-d14 (S)	81	%.	30-148		1	08/28/23 08:20	08/29/23 23:39	1718-51-0	
Phenol-d6 (S)	26	%.	10-63		1	08/28/23 08:20	08/29/23 23:39	13127-88-3	
2-Fluorophenol (S)	39	%.	10-95		1	08/28/23 08:20	08/29/23 23:39	367-12-4	
2,4,6-Tribromophenol (S)	78	%.	10-166		1	08/28/23 08:20	08/29/23 23:39	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30616479

Sample: **System Effluent** Lab ID: **30616479001** Collected: 08/23/23 12:15 Received: 08/24/23 09:20 Matrix: Water
Composite **0923**

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		08/25/23 19:51	18540-29-9	1c,H1

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616479

QC Batch: 318953 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: 30616479001

METHOD BLANK: 1624636 Matrix: Water

Associated Lab Samples: 30616479001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	0.15	09/05/23 13:35	

LABORATORY CONTROL SAMPLE: 1624637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	1	1.0	100	85-115	

MATRIX SPIKE SAMPLE: 1624638

Parameter	Units	70268621001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	<0.00020 mg/L	1	0.99	99	70-130	

SAMPLE DUPLICATE: 1624639

Parameter	Units	70268621001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	<0.00020 mg/L	ND		20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616479

QC Batch: 318770 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: 30616479001

METHOD BLANK: 1623822 Matrix: Water

Associated Lab Samples: 30616479001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	ug/L	ND	60.0	20.8	09/01/23 14:07	
Arsenic	ug/L	ND	10.0	5.3	09/01/23 14:07	
Cadmium	ug/L	ND	2.5	0.31	09/01/23 14:07	
Chromium	ug/L	ND	10.0	1.1	09/01/23 14:07	
Copper	ug/L	ND	25.0	3.7	09/01/23 14:07	
Lead	ug/L	ND	5.0	2.2	09/01/23 14:07	
Nickel	ug/L	ND	40.0	4.4	09/01/23 14:07	
Selenium	ug/L	ND	10.0	7.1	09/01/23 14:07	
Silver	ug/L	ND	10.0	1.2	09/01/23 14:07	
Thallium	ug/L	ND	10.0	5.3	09/01/23 14:07	
Zinc	ug/L	ND	20.0	8.6	09/01/23 14:07	

LABORATORY CONTROL SAMPLE: 1623823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	1000	977	98	85-115	
Arsenic	ug/L	500	474	95	85-115	
Cadmium	ug/L	500	495	99	85-115	
Chromium	ug/L	500	488	98	85-115	
Copper	ug/L	500	490	98	85-115	
Lead	ug/L	500	506	101	85-115	
Nickel	ug/L	500	492	98	85-115	
Selenium	ug/L	500	484	97	85-115	
Silver	ug/L	250	244	98	85-115	
Thallium	ug/L	250	248	99	85-115	
Zinc	ug/L	500	495	99	85-115	

MATRIX SPIKE SAMPLE: 1623825

Parameter	Units	70268621001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	<60.0	1000	1000	100	70-130	
Arsenic	ug/L	<10.0	500	493	98	70-130	
Cadmium	ug/L	<0.0025 mg/L	500	507	101	70-130	
Chromium	ug/L	<0.010 mg/L	500	502	100	70-130	
Copper	ug/L	0.12 mg/L	500	621	101	70-130	
Lead	ug/L	<0.0050 mg/L	500	520	104	70-130	
Nickel	ug/L	<0.040 mg/L	500	493	97	70-130	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30616479

MATRIX SPIKE SAMPLE: 1623825

Parameter	Units	70268621001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Selenium	ug/L	12.7	500	515	100	70-130	
Silver	ug/L	<0.010 mg/L	250	198	79	70-130	
Thallium	ug/L	<10.0	250	262	105	70-130	
Zinc	ug/L	0.13 mg/L	500	618	98	70-130	

SAMPLE DUPLICATE: 1623824

Parameter	Units	70268621001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	<60.0	ND		20	
Arsenic	ug/L	<10.0	ND		20	
Cadmium	ug/L	<0.0025 mg/L	ND		20	
Chromium	ug/L	<0.010 mg/L	ND		20	
Copper	ug/L	0.12 mg/L	115	0	20	
Lead	ug/L	<0.0050 mg/L	ND		20	
Nickel	ug/L	<0.040 mg/L	7.4J		20	
Selenium	ug/L	12.7	15.0	17	20	
Silver	ug/L	<0.010 mg/L	ND		20	
Thallium	ug/L	<10.0	ND		20	
Zinc	ug/L	0.13 mg/L	114	10	20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616479

QC Batch:	611150	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:	30616479001		

METHOD BLANK: 2974873 Matrix: Water
Associated Lab Samples: 30616479001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aldrin	ug/L	ND	0.025	0.0029	08/28/23 10:40	
alpha-BHC	ug/L	ND	0.025	0.0086	08/28/23 10:40	
beta-BHC	ug/L	ND	0.025	0.019	08/28/23 10:40	
delta-BHC	ug/L	ND	0.025	0.018	08/28/23 10:40	
gamma-BHC (Lindane)	ug/L	ND	0.025	0.014	08/28/23 10:40	
Decachlorobiphenyl (S)	%	44	10-114		08/28/23 10:40	
Tetrachloro-m-xylene (S)	%	66	10-103		08/28/23 10:40	

LABORATORY CONTROL SAMPLE: 2974874

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	ug/L	0.2	0.15	77	54-130	
alpha-BHC	ug/L	0.2	0.16	80	49-130	
beta-BHC	ug/L	0.2	0.16	79	39-130	
delta-BHC	ug/L	0.2	0.17	85	51-130	
gamma-BHC (Lindane)	ug/L	0.2	0.16	80	43-130	
Decachlorobiphenyl (S)	%			67	10-114	
Tetrachloro-m-xylene (S)	%			69	10-103	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2974875 2974876

Parameter	Units	30616479001 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	0.2	0.2	0.16	0.16	80	79	42-140	0	35	
alpha-BHC	ug/L	ND	0.2	0.2	0.17	0.17	84	84	37-140	1	36	
beta-BHC	ug/L	ND	0.2	0.2	0.16	0.16	80	80	17-147	0	44	
delta-BHC	ug/L	ND	0.2	0.2	0.22	0.22	112	111	19-140	1	52	
gamma-BHC (Lindane)	ug/L	ND	0.2	0.2	0.21	0.21	104	103	32-140	0	39	
Decachlorobiphenyl (S)	%						87	87	10-114			
Tetrachloro-m-xylene (S)	%						73	73	10-103			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616479

QC Batch: 611498 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: 30616479001

METHOD BLANK: 2976549 Matrix: Water
Associated Lab Samples: 30616479001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2,4,6-Trichlorophenol	ug/L	ND	1.0	0.59	08/29/23 19:17	
2,4-Dichlorophenol	ug/L	ND	1.0	0.61	08/29/23 19:17	
2-Chlorophenol	ug/L	ND	1.0	0.59	08/29/23 19:17	
4-Chloro-3-methylphenol	ug/L	ND	1.0	0.63	08/29/23 19:17	
Naphthalene	ug/L	ND	2.5	0.67	08/29/23 19:17	
Pentachlorophenol	ug/L	ND	2.5	1.5	08/29/23 19:17	
2,4,6-Tribromophenol (S)	%	68	10-166		08/29/23 19:17	
2-Fluorobiphenyl (S)	%	74	20-133		08/29/23 19:17	
2-Fluorophenol (S)	%	46	10-95		08/29/23 19:17	
Nitrobenzene-d5 (S)	%	65	10-175		08/29/23 19:17	
Phenol-d6 (S)	%	31	10-63		08/29/23 19:17	
Terphenyl-d14 (S)	%	102	30-148		08/29/23 19:17	

LABORATORY CONTROL SAMPLE: 2976550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	10	7.6	76	52-129	
2,4-Dichlorophenol	ug/L	10	7.8	78	53-122	
2-Chlorophenol	ug/L	10	7.5	75	36-120	
4-Chloro-3-methylphenol	ug/L	10	8.2	82	41-128	
Naphthalene	ug/L	10	7.3	73	36-120	
Pentachlorophenol	ug/L	10	10.2	102	38-152	
2,4,6-Tribromophenol (S)	%			79	10-166	
2-Fluorobiphenyl (S)	%			70	20-133	
2-Fluorophenol (S)	%			37	10-95	
Nitrobenzene-d5 (S)	%			67	10-175	
Phenol-d6 (S)	%			25	10-63	
Terphenyl-d14 (S)	%			83	30-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2976551 2976552

Parameter	Units	30615704004 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	10.4	10.5	9.1	10	87	95	37-144	9	58	
2,4-Dichlorophenol	ug/L	ND	10.4	10.5	7.7	8.9	74	85	39-135	14	50	
2-Chlorophenol	ug/L	ND	10.4	10.5	6.8	7.5	66	71	23-134	9	61	
4-Chloro-3-methylphenol	ug/L	ND	10.4	10.5	9.0	9.9	87	94	22-147	9	73	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30616479

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2976551 2976552												
Parameter	Units	30615704004	MS	MSD	2976552		MS	MSD	% Rec	Max	Qual	
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result						
Naphthalene	ug/L	ND	10.4	10.5	6.5	7.1	63	68	21-133	9	65	
Pentachlorophenol	ug/L	ND	10.4	10.5	12.3	12.7	118	121	14-176	4	86	
2,4,6-Tribromophenol (S)	%						85	91	10-166			
2-Fluorobiphenyl (S)	%						60	63	20-133			
2-Fluorophenol (S)	%						35	38	10-95			
Nitrobenzene-d5 (S)	%						62	70	10-175			
Phenol-d6 (S)	%						25	26	10-63			
Terphenyl-d14 (S)	%						79	82	30-148			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616479

QC Batch:	611395	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: 30616479001

METHOD BLANK: 2976049 Matrix: Water
Associated Lab Samples: 30616479001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium, Hexavalent	mg/L	ND	0.010	0.0054	08/25/23 19:50	1c

LABORATORY CONTROL SAMPLE & LCSD: 2976050		2976051								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	mg/L	0.25	0.25	0.25	99	101	85-115	3	20	1c

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QUALIFIERS

Project: National Grid - Gloversville
Pace Project No.: 30616479

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: 611395
[1] Due to limited volume for MS/MSD, LCSD was analyzed

ANALYTE QUALIFIERS

1c Due to limited volume for MS/MSD, LCSD was analyzed
H1 Analysis conducted outside the EPA method holding time.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE


Project: National Grid - Gloversville

Pace Project No.: 30616479

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30616479001	System Effluent Composite 0923	EPA 608.3 Dec 2016	611150	EPA 608.3 Dec 2016	611356
30616479001	System Effluent Composite 0923	EPA 200.7	318770	EPA 200.7	318794
30616479001	System Effluent Composite 0923	EPA 245.1	318953	EPA 245.1	318985
30616479001	System Effluent Composite 0923	EPA 625.1 Dec 2016	611498	EPA 625.1 Dec 2016	611765
30616479001	System Effluent Composite 0923	SM 3500-CrB-2011	611395		

REPORT OF LABORATORY ANALYSIS

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	DC#_Title: ENV-FRM-GBUR-0088 v05_Sample Condition Upon Receipt-Pittsburgh
	Effective Date: 07/06/2023

Client Name: GES Project #: 30616479

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

Tracking Number: TORNA

Examined By: SS 8/24/23
 Labeled By: SS 8/24/23
 Temped By: LA 8/24/23

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 3.1 °C Correction Factor: 100 °C Final Temp: 3.1 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	NA	pH paper Lot# <u>10D3121</u>	D.P.D. Residual Chlorine Lot # <u>2A3A0325</u>
Chain of Custody Present	/			1.	
Chain of Custody Filled Out: -Were client corrections present on COC	/			2.	
Chain of Custody Relinquished	/			3.	
Sampler Name & Signature on COC:	/			4.	
Sample Labels match COC: -Includes date/time/ID Matrix:	/			5.	
Samples Arrived within Hold Time:	/			6. Hexachrome out of hold	
Short Hold Time Analysis (<72hr remaining):	/			7.	
Rush Turn Around Time Requested:	/			8.	
Sufficient Volume:	/			9.	
Correct Containers Used: -Pace Containers Used	/			10.	
Containers Intact:	/			11.	
Orthophosphate field filtered:			/	12.	
Hex Cr Aqueous samples field filtered:			/	13.	
Organic Samples checked for dechlorination			/	14.	
Filtered volume received for dissolved tests:			/	15.	
All containers checked for preservation: exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix	/			16.	
All containers meet method preservation requirements:	/			Initial when completed <u>SS</u> Lot# of added Preservative	Date/Time of Preservation
8260C/D: Headspace in VOA Vials (> 6mm)			/	17.	
624.1: Headspace in VOA Vials (0mm)			/	18.	
Trip Blank Present:		/		Trip blank custody seal present? YES or NO	
Rad Samples Screened <0.5 mrem/hr.	X			Initial when completed <u>LA</u>	Date: <u>8-24-23</u> Survey Meter SN: <u>1503</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.



September 15, 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.: 30616420

Dear Mr. Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 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 - Greensburg

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.
Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville
Pace Project No.: 30616420

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

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SAMPLE SUMMARY

Project: National Grid - Gloversville

Pace Project No.: 30616420

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30616420001	System Effluent Grab 0923	Water	08/23/23 12:30	08/24/23 09:20
30616420002	Trip Blank	Water	08/23/23 12:35	08/24/23 09:20

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30616420

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30616420001	System Effluent Grab 0923	EPA 625.1 Dec 2016	EAC	7	PASI-PA
		EPA 624.1 Dec 2016	JEW	10	PASI-PA
		EPA 1664A	SEF	1	PASI-PA
		SM 4500H+B-2011	AMM1	1	PASI-PA
		SM 4500CN-E-2016	CMT	1	PASI-PA
30616420002	Trip Blank	EPA 624.1 Dec 2016	JEW	10	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville
Pace Project No.: 30616420

Method: EPA 625.1 Dec 2016
Description: 625.1 Reduced Volume
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 15, 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.: 30616420

Method: EPA 624.1 Dec 2016

Description: 624.1 Volatile Organics

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

Date: September 15, 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.: 30616420

Method: EPA 1664A

Description: HEM, Oil and Grease

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

Date: September 15, 2023

General Information:

1 sample was analyzed for EPA 1664A 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:

Analyte Comments:

QC Batch: 612497

1c: pH adjusted to <2 in lab at bench prior to analysis.

- BLANK (Lab ID: 2981594)
- Oil and Grease

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30616420

Method: SM 4500H+B-2011

Description: 4500H+ pH, Electrometric

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

Date: September 15, 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 0923 (Lab ID: 30616420001)

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

- System Effluent Grab 0923 (Lab ID: 30616420001)

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.: 30616420

Method: SM 4500CN-E-2016
Description: 4500CNE Cyanide, Total
Client: Groundwater & Environmental Services, Inc. (Syracuse)
Date: September 15, 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.: 30616420

Sample: System Effluent Grab 0923 Lab ID: 30616420001 Collected: 08/23/23 12:30 Received: 08/24/23 09:20 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	2.5	1.5	1	08/28/23 08:20	08/29/23 23:19	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-175		1	08/28/23 08:20	08/29/23 23:19	4165-60-0	
2-Fluorobiphenyl (S)	73	%	20-133		1	08/28/23 08:20	08/29/23 23:19	321-60-8	
Terphenyl-d14 (S)	97	%	30-148		1	08/28/23 08:20	08/29/23 23:19	1718-51-0	
Phenol-d6 (S)	28	%	10-63		1	08/28/23 08:20	08/29/23 23:19	13127-88-3	
2-Fluorophenol (S)	41	%	10-95		1	08/28/23 08:20	08/29/23 23:19	367-12-4	
2,4,6-Tribromophenol (S)	84	%	10-166		1	08/28/23 08:20	08/29/23 23:19	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		08/30/23 17:12	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		08/30/23 17:12	71-43-2	
Chloroform	ND	ug/L	4.0	1.2	1		08/30/23 17:12	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		08/30/23 17:12	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		08/30/23 17:12	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		08/30/23 17:12	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	101	%	80-120		1		08/30/23 17:12	460-00-4	
Toluene-d8 (S)	102	%	80-120		1		08/30/23 17:12	2037-26-5	
1,2-Dichloroethane-d4 (S)	113	%	80-120		1		08/30/23 17:12	17060-07-0	
Dibromofluoromethane (S)	98	%	74-125		1		08/30/23 17:12	1868-53-7	
HEM, Oil and Grease Analytical Method: EPA 1664A Pace Analytical Services - Greensburg									
Oil and Grease	ND	mg/L	5.0	1.8	1		08/31/23 11:14		
4500H+ pH, Electrometric Analytical Method: SM 4500H+B-2011 Pace Analytical Services - Greensburg									
pH at 25 Degrees C	7.7	Std. Units	2.0	2.0	1		08/28/23 13:54		H3,H6
4500CNE Cyanide, Total Analytical Method: SM 4500CN-E-2016 Preparation Method: SM 4500-CN-C-2016 Pace Analytical Services - Greensburg									
Cyanide	0.017	mg/L	0.010	0.0082	1	08/29/23 08:41	08/30/23 08:47	57-12-5	

Sample: Trip Blank Lab ID: 30616420002 Collected: 08/23/23 12:35 Received: 08/24/23 09:20 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		08/30/23 14:52	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		08/30/23 14:52	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30616420

Sample: Trip Blank		Lab ID: 30616420002		Collected: 08/23/23 12:35		Received: 08/24/23 09:20		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		08/30/23 14:52	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		08/30/23 14:52	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		08/30/23 14:52	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		08/30/23 14:52	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	97	%.	80-120		1		08/30/23 14:52	460-00-4	
Toluene-d8 (S)	96	%.	80-120		1		08/30/23 14:52	2037-26-5	
1,2-Dichloroethane-d4 (S)	110	%.	80-120		1		08/30/23 14:52	17060-07-0	
Dibromofluoromethane (S)	99	%.	74-125		1		08/30/23 14:52	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616420

QC Batch: 612198 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: 30616420001, 30616420002

METHOD BLANK: 2979736 Matrix: Water
Associated Lab Samples: 30616420001, 30616420002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.24	08/30/23 13:00	
Benzene	ug/L	ND	1.0	0.41	08/30/23 13:00	
Chloroform	ug/L	ND	4.0	1.2	08/30/23 13:00	
Ethylbenzene	ug/L	ND	1.0	0.31	08/30/23 13:00	
Tetrachloroethene	ug/L	ND	1.0	0.30	08/30/23 13:00	
Toluene	ug/L	ND	1.0	0.24	08/30/23 13:00	
1,2-Dichloroethane-d4 (S)	%	98	80-120		08/30/23 13:00	
4-Bromofluorobenzene (S)	%	95	80-120		08/30/23 13:00	
Dibromofluoromethane (S)	%	102	74-125		08/30/23 13:00	
Toluene-d8 (S)	%	94	80-120		08/30/23 13:00	

LABORATORY CONTROL SAMPLE: 2979737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	24.4	122	60-140	
Benzene	ug/L	20	19.6	98	65-135	
Chloroform	ug/L	20	17.4	87	70-135	
Ethylbenzene	ug/L	20	20.3	101	60-140	
Tetrachloroethene	ug/L	20	18.9	95	70-130	
Toluene	ug/L	20	18.8	94	70-130	
1,2-Dichloroethane-d4 (S)	%			97	80-120	
4-Bromofluorobenzene (S)	%			101	80-120	
Dibromofluoromethane (S)	%			103	74-125	
Toluene-d8 (S)	%			97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2979738 2979739

Parameter	Units	30614910001 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	ND	20	20	22.5	22.4	112	112	46-157	0	61	
Benzene	ug/L	ND	20	20	23.7	23.6	118	118	37-151	0	61	
Chloroform	ug/L	ND	20	20	22.6	22.0	113	110	51-138	3	54	
Ethylbenzene	ug/L	ND	20	20	23.6	25.2	118	126	37-162	7	63	
Tetrachloroethene	ug/L	ND	20	20	21.6	21.9	108	110	64-148	1	39	
Toluene	ug/L	ND	20	20	22.7	23.3	113	117	47-150	3	41	
1,2-Dichloroethane-d4 (S)	%						114	108	80-120			
4-Bromofluorobenzene (S)	%						100	99	80-120			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30616420

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2979738 2979739												
Parameter	Units	30614910001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Dibromofluoromethane (S)	%.						98	101	74-125			
Toluene-d8 (S)	%.						100	100	80-120			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616420

QC Batch:	611498	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: 30616420001

METHOD BLANK: 2976549 Matrix: Water
Associated Lab Samples: 30616420001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	2.5	1.5	08/29/23 19:17	
2,4,6-Tribromophenol (S)	%.	68	10-166		08/29/23 19:17	
2-Fluorobiphenyl (S)	%.	74	20-133		08/29/23 19:17	
2-Fluorophenol (S)	%.	46	10-95		08/29/23 19:17	
Nitrobenzene-d5 (S)	%.	65	10-175		08/29/23 19:17	
Phenol-d6 (S)	%.	31	10-63		08/29/23 19:17	
Terphenyl-d14 (S)	%.	102	30-148		08/29/23 19:17	

LABORATORY CONTROL SAMPLE: 2976550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	10	10.2	102	38-152	
2,4,6-Tribromophenol (S)	%.			79	10-166	
2-Fluorobiphenyl (S)	%.			70	20-133	
2-Fluorophenol (S)	%.			37	10-95	
Nitrobenzene-d5 (S)	%.			67	10-175	
Phenol-d6 (S)	%.			25	10-63	
Terphenyl-d14 (S)	%.			83	30-148	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2976551 2976552

Parameter	Units	30615704004 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	10.4	10.5	12.3	12.7	118	121	14-176	4	86	
2,4,6-Tribromophenol (S)	%.						85	91	10-166			
2-Fluorobiphenyl (S)	%.						60	63	20-133			
2-Fluorophenol (S)	%.						35	38	10-95			
Nitrobenzene-d5 (S)	%.						62	70	10-175			
Phenol-d6 (S)	%.						25	26	10-63			
Terphenyl-d14 (S)	%.						79	82	30-148			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616420

QC Batch: 612497 Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A Analysis Description: 1664 HEM, Oil and Grease
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30616420001

METHOD BLANK: 2981360 Matrix: Water

Associated Lab Samples: 30616420001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	5.0	1.8	08/31/23 11:13	

METHOD BLANK: 2981594 Matrix: Water

Associated Lab Samples: 30616420001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	10.0	3.6	08/31/23 11:13	1c

LABORATORY CONTROL SAMPLE: 2981361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	38.2	96	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2981362 2981363

Parameter	Units	30616420001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Oil and Grease	mg/L	ND	40	40	33.1	36.6	80	89	78-114	10	18	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30616420

QC Batch: 611629

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: 30616420001

SAMPLE DUPLICATE: 2977059

Parameter	Units	30617014010 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	8.4	8.4	0	10	H3,H6

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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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30616420

QC Batch: 611840 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: 30616420001

METHOD BLANK: 2977965 Matrix: Water
Associated Lab Samples: 30616420001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	08/30/23 08:43	

LABORATORY CONTROL SAMPLE: 2977966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.20	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2977967 2977968

Parameter	Units	30616420001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	0.017	0.1	0.1	0.12	0.12	102	99	90-110	3	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.: 30616420

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

1c	pH adjusted to <2 in lab at bench prior to analysis.
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.: 30616420

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30616420001	System Effluent Grab 0923	EPA 625.1 Dec 2016	611498	EPA 625.1 Dec 2016	611765
30616420001	System Effluent Grab 0923	EPA 624.1 Dec 2016	612198		
30616420002	Trip Blank	EPA 624.1 Dec 2016	612198		
30616420001	System Effluent Grab 0923	EPA 1664A	612497		
30616420001	System Effluent Grab 0923	SM 4500H+B-2011	611629		
30616420001	System Effluent Grab 0923	SM 4500-CN-C-2016	611840	SM 4500CN-E-2016	611984

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY
The Chain-of-Custody is a LEGAL [

WO#: **30616420**



30616420

Page: 1 of 1	
REGULATORY AGENCY	
<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
SITE LOCATION <input type="checkbox"/> GA <input type="checkbox"/> IL <input type="checkbox"/> IN <input type="checkbox"/> MI <input type="checkbox"/> NC <input type="checkbox"/> OH <input type="checkbox"/> SC <input type="checkbox"/> WI <input type="checkbox"/> OTHER	
Filtered (Y/N) _____ Requested Analysis: _____ Pace Project Number Lab ID: _____	
Preservatives: _____ # of CONTAINERS: _____ SAMPLE TEMP AT COLLECTION: _____ COLLECTED: _____ MATRIX CODE: _____ SAMPLE TYPE: _____ C=COMP G=GRAB	
Section D Required Client Information SAMPLE ID One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE	
Section B Required Project Information: Company: GES - Syracuse Report To: Devin Shay (GES) dshay@gesonline.com Address: 6780 Northern Blvd, Suite 100 East Syracuse, New York 13057 Email To: dshay@gesonline.com Phone: 800.220.3069 Fax: None Project Name: National Grid - Gloversville Former MGP Site, Gloversville, NY Project Number: 0603324-120780-221-1108 Requested Due Date/TAT: Standard	
Section C Invoice Information: Attention: Accounts Payable via email at ges-invoices@gesonline.com Company Name: Groundwater & Environmental Services, Inc. Address: 5 Technology Place, Suite 4, East Syracuse, NY 13057 Pace Quote Reference: _____ Pace Project Manager: Rachel Christner	
Pace Profile #: Semi-Annual System Sampling-Grab	
Valid Matrix Codes DRINKING WATER GROUND WATER INDUSTRIAL WASTE PRODUCT OIL WASTE AIR OTHER TISSUE	
Section E Additional Comments: SAMPLES WILL ARRIVE IN # COOLERS. Please send reports to: dshay@gesonline.com, tbeaumont@gesonline.com NERegion@gesonline.com, ges@equisonline.com	
SPECIFIC EDD NAME: NE Gloversville-labnumber.28351.EQEDD.zip	
SAMPPLER NAME AND SIGNATURE PRINT Name of SAMPPLER: _____ SIGNATURE of SAMPPLER: _____ DATE Signed (MM/DD/YY): 8/23/23	
Temp In °C _____ Received on _____ Custody Sealed Cooler _____ Samples Intact _____	

	DC#_Title: ENV-FRM-GBUR-0088 v05_Sample Condition Upon Receipt-Pittsburgh
	Effective Date: 07/06/2023

Client Name: GES

Project #: 30616420

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

Initial / Date

Tracking Number: 7072

Examined By: <u>JS 8/24/23</u>
Labeled By: <u>JS 8/24/23</u>
Temped By: <u>JS 8/24/23</u>

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 9.3 °C Correction Factor: 0.0 °C Final Temp: 9.3 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	NA	pH paper Lot# <u>1000831</u>	D.P.D. Residual Chlorine Lot # <u>2A310325</u>
Chain of Custody Present	/			1.	
Chain of Custody Filled Out:	/			2.	
-Were client corrections present on COC	/				
Chain of Custody Relinquished	/			3.	
Sampler Name & Signature on COC:	/			4.	
Sample Labels match COC:	/			5.	
-Includes date/time/ID	/				
Matrix:	/				
Samples Arrived within Hold Time:	/			6.	
Short Hold Time Analysis (<72hr remaining):	/			7.	
Rush Turn Around Time Requested:	/			8.	
Sufficient Volume:	/			9.	
Correct Containers Used:	/			10.	
-Pace Containers Used	/				
Containers Intact:	/			11.	
Orthophosphate field filtered:	/			12.	
Hex Cr Aqueous samples field filtered:	/			13.	
Organic Samples checked for dechlorination	/			14.	
Filtered volume received for dissolved tests:	/			15.	
All containers checked for preservation:	/			16.	
exceptions: <u>VOA</u> , coliform, TOC, <u>O&G</u> , <u>Phenolics</u> , Radon, non-aqueous matrix					
All containers meet method preservation requirements:	/			Initial when completed <u>JS</u>	Date/Time of Preservation
				Lot# of added Preservative	
8260C/D: Headspace in VOA Vials (> 6mm)	/			17.	
624.1: Headspace in VOA Vials (0mm)	/			18.	
Trip Blank Present:	/			Trip blank custody seal present <u>YES</u> or NO	
Rad Samples Screened <0.5 mrem/hr.	/			Initial when completed <u>RS</u>	Date: <u>8/24/23</u> Survey Meter SN: <u>1563</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.



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 PNW188|30616420
Workorder 3320765
Report ID 270581 on 9/15/2023

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Aug 30, 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):

Emailed Reports - Pace Analytical Services, Inc.
Justin Horn - Pace Labs

Sarah Leung

Sarah Leung
Project Coordinator

(ALS Digital Signature)

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



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3320765001	System Effluent Grab 0923	Water	08/23/2023 12:30	08/30/2023 09:29	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, including but not limited to the following EPA Method reference revisions:
 - EPA 300.1 Rev. 1.0-1997
 - EPA 300.0 Rev. 2.1-1993
 - EPA 353.2 Rev. 2.0-1993
 - EPA 410.4 Rev. 1.0-1993
 - EPA 420.4 Rev. 1.0-1993
 - EPA 365.1 Rev. 2.0-1993
 - EPA 200.7 Rev. 4.4-1994
 - EPA 200.8 Rev. 5.4-1994
 - EPA 245.1 Rev. 3.0-1994
- 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

Sample Notations

Lab ID

Sample ID

Result Notations

Notation Ref.

1

The QC sample type MS for method SW846 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 87.4 and the control limits were 90 to 110.



Detected Results Summary

Not applicable for this WO.



Results

Client Sample ID	System Effluent Grab 0923	Collected	08/23/2023 12:30
Lab Sample ID	3320765001	Lab Receipt	08/30/2023 09:29

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	Method	Dilution	Analysis Date/Time	By	Cntr
Phenolics	ND	ND,1	mg/L	0.005	EPA 420.4	1	09/14/2023 14:09	AKH	A



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3320765001	System Effluent Grab 0923	EPA 420.4	SW846 9066	

WET CHEMISTRY

QUALITY CONTROL SAMPLES

QC Batch

Associated Samples

QC Batch	1056575	Prep Method	SW846 9066
Date	09/08/2023 10:16	Analysis Method	EPA 420.4
Tech.	AKH		

3320765001

Matrix Spike3719121 (MS)3319684001 (non-Project Sample)For QC Batch 1056575

****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.

Matrix Spike Duplicate3719122 (MSD)3319684001 (non-Project Sample)For QC Batch 1056575

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.1050	0.0030	0.10	102	90 - 110		
Phenolics	PHENOL	MSD	0.1020	0.0030	0.10	99	90 - 110	RPD 2.90 (Max-10)	

Matrix Spike3719147 (MS)3319922001 (non-Project Sample)For QC Batch 1056575

****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.

Matrix Spike Duplicate3719148 (MSD)3319922001 (non-Project Sample)For QC Batch 1056575

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.0960	0	0.10	96.2	90 - 110		
Phenolics	PHENOL	MSD	0.0960	0	0.10	96.1	90 - 110	RPD 0.10 (Max-10)	

Matrix Spike3719149 (MS)3320214001 (non-Project Sample)For QC Batch 1056575

****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	0.0004	0.10	99.5	90 - 110		

Matrix Spike3719150 (MS)3320083008 (non-Project Sample)For QC Batch 1056575

****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.

Matrix Spike Duplicate3719151 (MSD)3320083008 (non-Project Sample)For QC Batch 1056575



QUALITY CONTROL SAMPLES

WET CHEMISTRY (cont.)

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.0980	0	0.10	97.5	90 - 110		
Phenolics	PHENOL	MSD	0.0970	0	0.10	97	90 - 110	RPD 0.51 (Max-10)	

Matrix Spike 3719156 (MS) 3321050002 (non-Project Sample) For QC Batch 1056575

****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.

Matrix Spike Duplicate 3719157 (MSD) 3321050002 (non-Project Sample) For QC Batch 1056575

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.0970	0	0.10	96.7	90 - 110		
Phenolics	PHENOL	MSD	0.0990	0	0.10	98.7	90 - 110	RPD 2.05 (Max-10)	

Matrix Spike 3719153 (MS) 3320765001 For QC Batch 1056575

****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.

Matrix Spike Duplicate 3719154 (MSD) 3320765001 For QC Batch 1056575

RESULTS

Compound	CAS No		Result (mg/L)	Orig. Result (mg/L)	Spk Added (mg/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Phenolics	PHENOL	MS	0.0870	0	0.10	87.4*	90 - 110		
Phenolics	PHENOL	MSD	0.0940	0	0.10	94.2	90 - 110	RPD 7.49 (Max-10)	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3320765001	System Effluent Grab 0923	SW846 9066	1056575	09/08/2023 10:16	AKH	EPA 420.4	1057882

Chain of Custody

PASI Pittsburgh Laboratory



Workorder: 30616420

Workorder Name: National Grid - Gloversville

Report / Invoice To

Justin P. Horn
Pace Analytical Pittsburgh
1638 Roseytown Road
Suites 2,3,4
Greensburg, PA 15601
Phone (724)850-5600
Email: justin.horn@pacelabs.com

P.O. 30616420

ALS
301 Fulling Mill Road
Middletown, PA 17057

State of Sample Origin: NY

Preserved Containers		Collect		Lab ID		Matrix	
Item	Sample ID	Date/Time	Lab ID	Matrix	Water		
1	System Effluent Grab 0923	8/23/2023 12:30	30616420001	Water			
2							
3							
4							
5							

Transfers	Released By	Date/Time	Received By	Date/Time
1	<i>Justin P. Horn</i>	8/23/2023 12:30	<i>Justin P. Horn</i>	
2	<i>Justin P. Horn</i>		<i>Justin P. Horn</i>	
3				

Cooler Temperature on Receipt _____ °C

Custody Seal Y or N

Received on Ice Y or N

Samples Intact Y or N



3320765

Logged By: KSB
PM: SSL



765

ults Requested By: 8/31/2023

Requested Analysis

Temp By: *W* WO Temp (°C) *1* Therm ID *570*

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 Trip Blank
NUS 4 Days?
Rad Screen (uCi)
Courier/Tracking #: *4*

SDWA Compliance
PWSID
WV Containers 0-6°C

1°C 570

NY Cat B Package needed

7614524194114 65



Appendix D – System Operational Data Summary

		Accumulated Days	Accumulated Time Calculated	NMH-1			NMH-6			Combined		FIT-500		FIC-500	Computerized Pressure Readings						AIT-700		FIT-900		POTW	Comments
				Flow Meter	Average Flow Calculated	Totalizer	Flow Meter	Average Flow Calculated	Totalizer	Total Instantaneous Influent Flow	Total Average Flow Calculated	Flow Rate	Totalizer	Flow Rate	Pre-Bag Filter Unit	Pre-Organic Clay Vessels	Pre-Carbon Vessels	Pre-Anion Resin Vessels	Post-Anion Resin Vessels	PH	Temp	Instantaneous Total Effluent Flow Rate	Totalizer	Mechanical Totalizer		
				GPM	GPM	Gallons	GPM	GPM	Gallons	GPM	GPM	GPM	Gallons	GPM	PSI	PSI	PSI	PSI	PSI	PH	°F	GPM	Gallons	Gallons X 1000		
2023		Days 365	Total Minutes 525690	Average 73.38	Average 23.36	Total 11161381	Average 25.83	Average 3.62	Total 1738526	Average 99.20	Average 26.55	Average 70.00	Total 13184095	Average 70.00	Average 31.56	Average 28.89	Average 23.67	Average 12.95	Average 4.00	Average 7.2	Average 58.7	Average 64.24	12776924	16357		
January		34	48840	74.44	24.45	1192420	26.90	4.01	194938	101.34	28.46	70.00	1411362	70.00	32.00	30.00	24.40	13.00	4.00	7.2	51.1	63.98	1378083	1613		
February		27	39075	75.23	23.23	908751	26.85	3.86	151270	102.08	27.09	70.00	1088582	70.00	31.25	29.00	23.75	13.25	4.00	7.1	53.4	64.80	1052090	1238		
March		28	40215	74.35	24.63	987883	27.10	4.60	183477	101.45	29.23	70.00	1186665	70.00	29.75	27.25	20.75	11.75	4.00	7.4	53.6	64.23	1159413	1364		
April		29	42000	74.20	25.41	1068440	26.05	4.55	192192	100.25	29.96	70.00	1273377	70.00	28.50	26.00	21.25	11.75	4.00	7.0	57.0	64.65	1247205	1471		
May		35	50220	74.80	25.62	1275404	26.24	3.78	188617	101.04	29.40	70.00	1488248	70.00	30.80	27.40	22.40	13.00	4.00	7.2	58.7	64.10	1445792	1704		
June		28	40350	75.83	22.55	910293	24.88	3.06	123477	100.70	25.60	70.00	1060246	70.00	31.75	28.75	23.50	13.25	4.00	7.1	61.5	64.23	1023442	1203		
July		26	37815	75.43	23.95	903080	26.48	3.45	129606	101.90	27.40	70.00	1062322	70.00	32.25	28.75	24.00	13.00	4.00	7.3	65.6	64.08	1023047	1201		
August		37	53040	74.87	23.22	1230034	25.06	3.37	177641	99.93	26.59	70.00	1447155	70.00	32.60	29.00	24.00	13.20	4.00	7.1	65.6	64.00	1394984	1635		
September		27	39225	75.85	22.18	871229	23.88	3.16	124164	99.73	25.34	70.00	1022271	70.00	29.75	30.00	24.75	13.75	4.00	7.1	64.9	64.03	986006	1152		
October		35	50070	72.90	22.21	N/A	25.00	3.12	N/A	97.90	20.27	70.00	N/A	70.00	34.60	30.00	25.00	13.40	4.00	7.2	61.9	65.02	N/A	1359	PLC upgrade(no totalizer numbers)	
November		30	43050	66.08	20.34	872508	25.43	2.91	124985	91.50	23.25	70.00	1025108	70.00	32.25	29.75	24.75	13.00	4.00	7.2	56.9	63.85	988608	1156	PLC upgrade Chemical pump issues	
December		29	41790	66.55	22.47	941339	26.08	3.54	148159	92.63	26.01	70.00	1118759	70.00	33.25	30.75	25.50	13.00	4.00	7.0	54.6	63.98	1078254	1261		