

January 27, 2021

Mr. Parag Amin
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, 2020.

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 2020. 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

2020 Semi-Annual OM&M Report



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

January 2021

Version 1





2020 Semi-Annual OM&M Report

National Grid Hill Street
20 Hill Street
Gloversville, NY 12078

Prepared for:
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Syracuse, NY 13202

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GES Project:
0603200.120780.221

Date:
January 27, 2021

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	5
4	Future Activities	5

Figures

Figure 1 – Site Location Map

Figure 2 – Site Map

Figure 3 - Groundwater Treatment System Layout

Figure 4 - Groundwater System Piping and Instrumentation Diagram

Figure 5 - Process and Instrumentation Diagram Legend

Tables

Table 1 – Effluent Permit and Analytical Data

Table 2 – Effluent Permit and Analytical Data

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 2020. 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, respectfully.

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 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 oil/water separator (OWS) (T-400) [part of 2009 modifications]. Plastic media with significant surface area is utilized to separate Light Non Aqueous Phase Liquids (LNAPL) and Dense Non Aqueous Phase Liquids (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;
- Snow removal around the treatment building and NMH+-6 during inclement weather;
- Weed trimming within the storm water rip-rap channel, as needed;
- Semi-annual system effluent sample;
- Annual system and manhole cleaning;
- Annual video inspection of the storm water conveyance system was conducted in November 2020.

GES conducted the following non-routine activities at the Site during June and July of 2020:

- During the week of June 1, 2020, GES, along with Sun Environmental, cleaned the storm water conveyance system catch basins and piping with a high volume water lance and vacuum truck. Approximately 7,800 gallons of water/material were placed in a staged frac tank and approximately 5 yards of sediment was staged on a polyethylene lined containment area. Capital Environmental sampled the sediment for disposal.
- During the week of June 8, 2020, the sediment in the frac tank was allowed to settle out.
- During the week of June 15, 2020 the water in the frac was pumped into NMH-6 for treatment via the on-site treatment system. Approximately 800 gallons of water/sediment remained in the frac tank, which was pumped out and cleaned on June 25, 2020 by Sun/Capital.
- Grouttech repaired the grout in catch basin #4 during the week of June 15, 2020.
- Sun removed and replaced the first 10 feet of riprap at the headwall entrance of the swale during the week of June 15, 2020.
- GES retained Abscope Environmental to complete concrete and asphalt repairs to the top of catch basin #7 on July 21, 2020.
- Grouttech repaired the inside of catch basin #4, including the application of a new epoxy coating, on July 21, 2020.

3.2 Analytical Results

On September 23, 2020, 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 report on September 24, 2020. 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 2020 through December 2020, the water treatment system treated and discharged approximately 7,898,000 gallons of water to the POTW sewer at an average flow of 26.23 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 226 million gallons have been successfully treated and discharged without a permit exceedance.

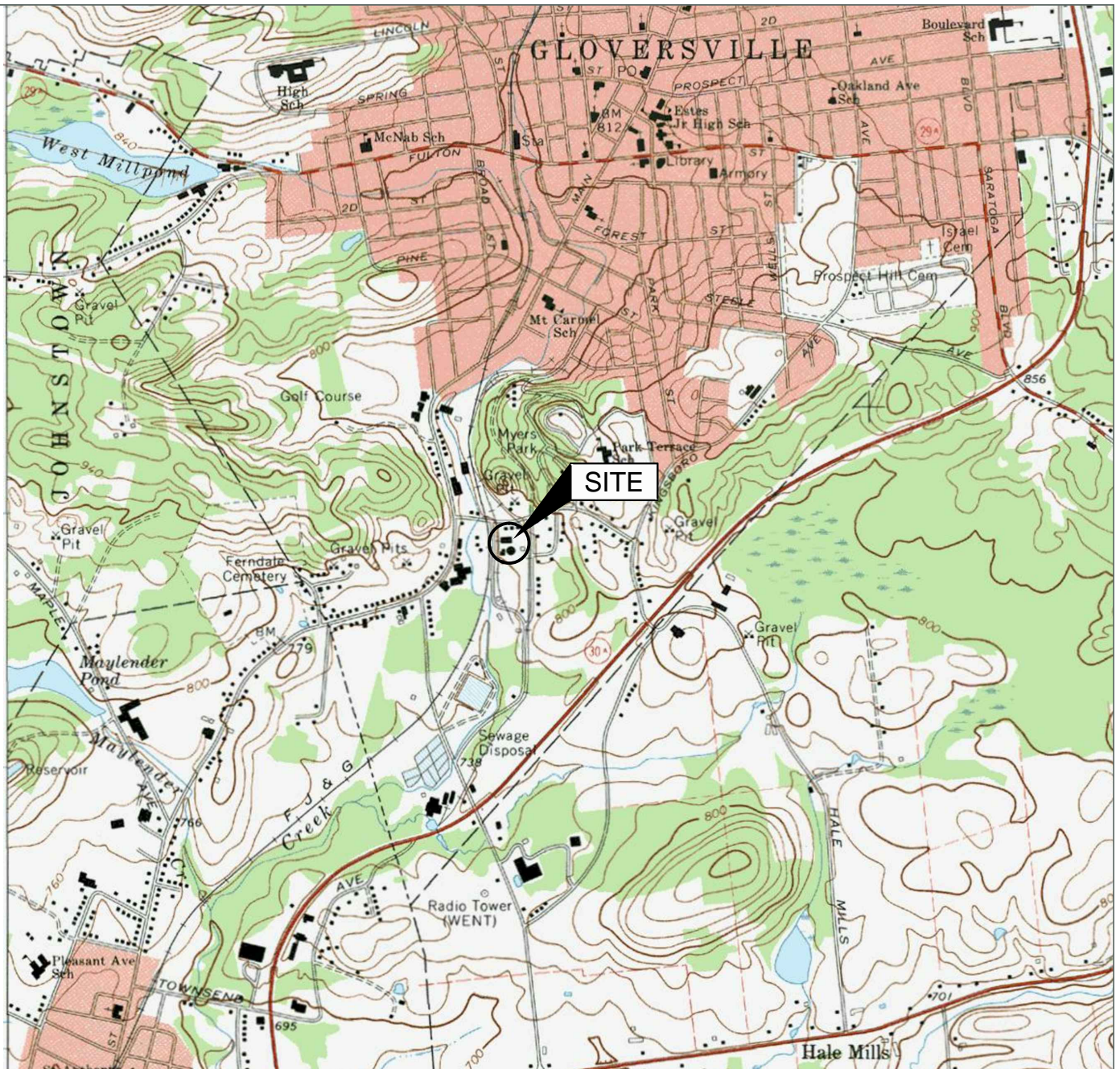
4 Future Activities

Below are OM&M activities planned for the next six months (January 2021 – June 2021):

- 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.
- Complete the annual groundwater treatment media (GAC, anion resin, organoclay) changeout in March 2021.
- Conduct semi-annual operational sampling/analysis to evaluate treatment effectiveness.
- Conduct the semi-annual treated water discharge sampling event in March 2021.
- Complete a cleanout of the storm water conveyance system, tentatively scheduled for May 2021.
- Conduct annual manhole, treatment system tanks, and OWS cleaning, tentatively scheduled for May 2021.
- Rebuild the top of catch basin #7 between May and July 2021.
- Prepare a semi-annual OM&M report for January 1, 2021, through June 30, 2021, 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

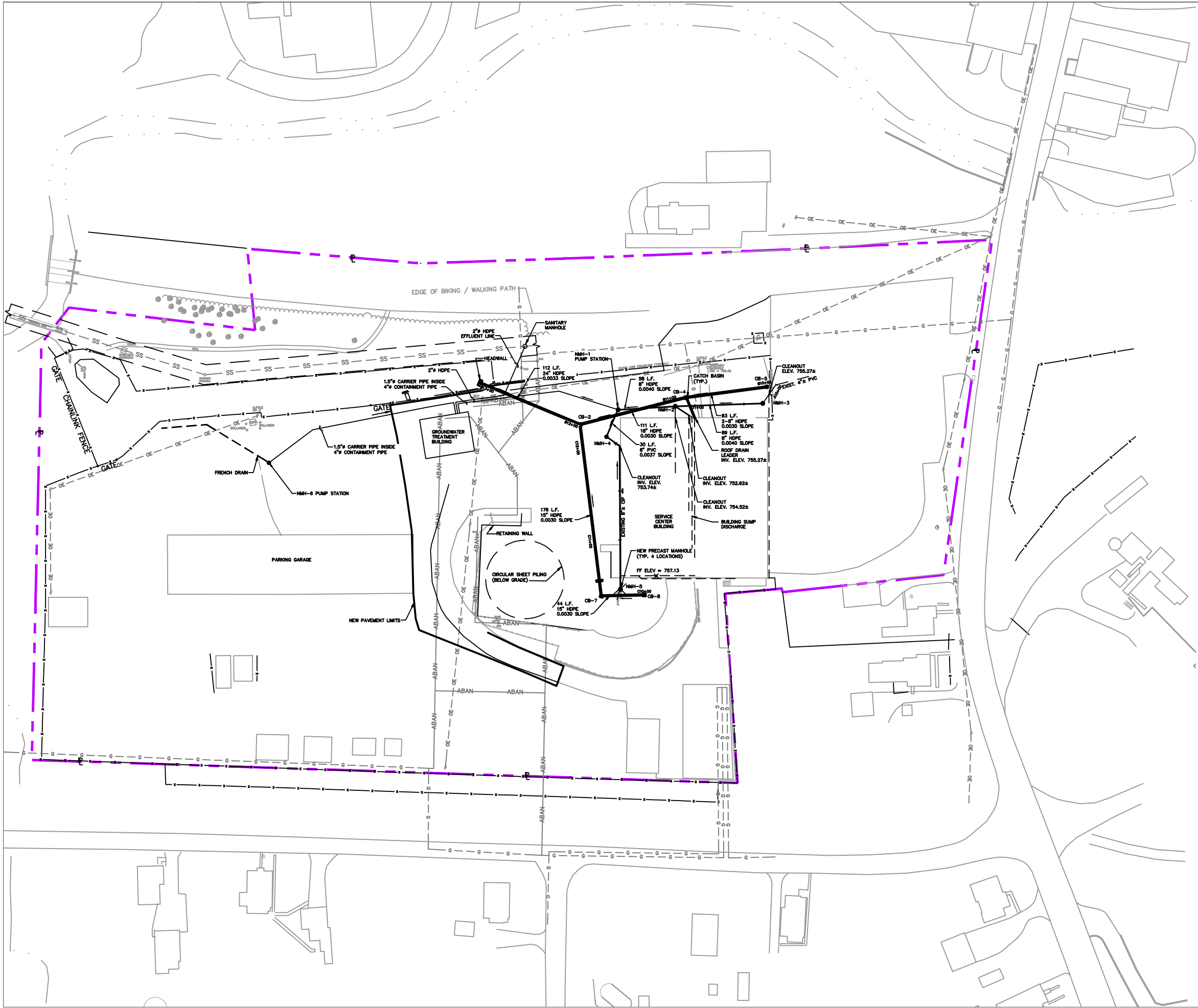


Scale In Feet



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

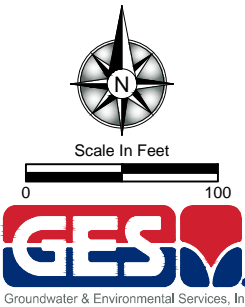
Site Map

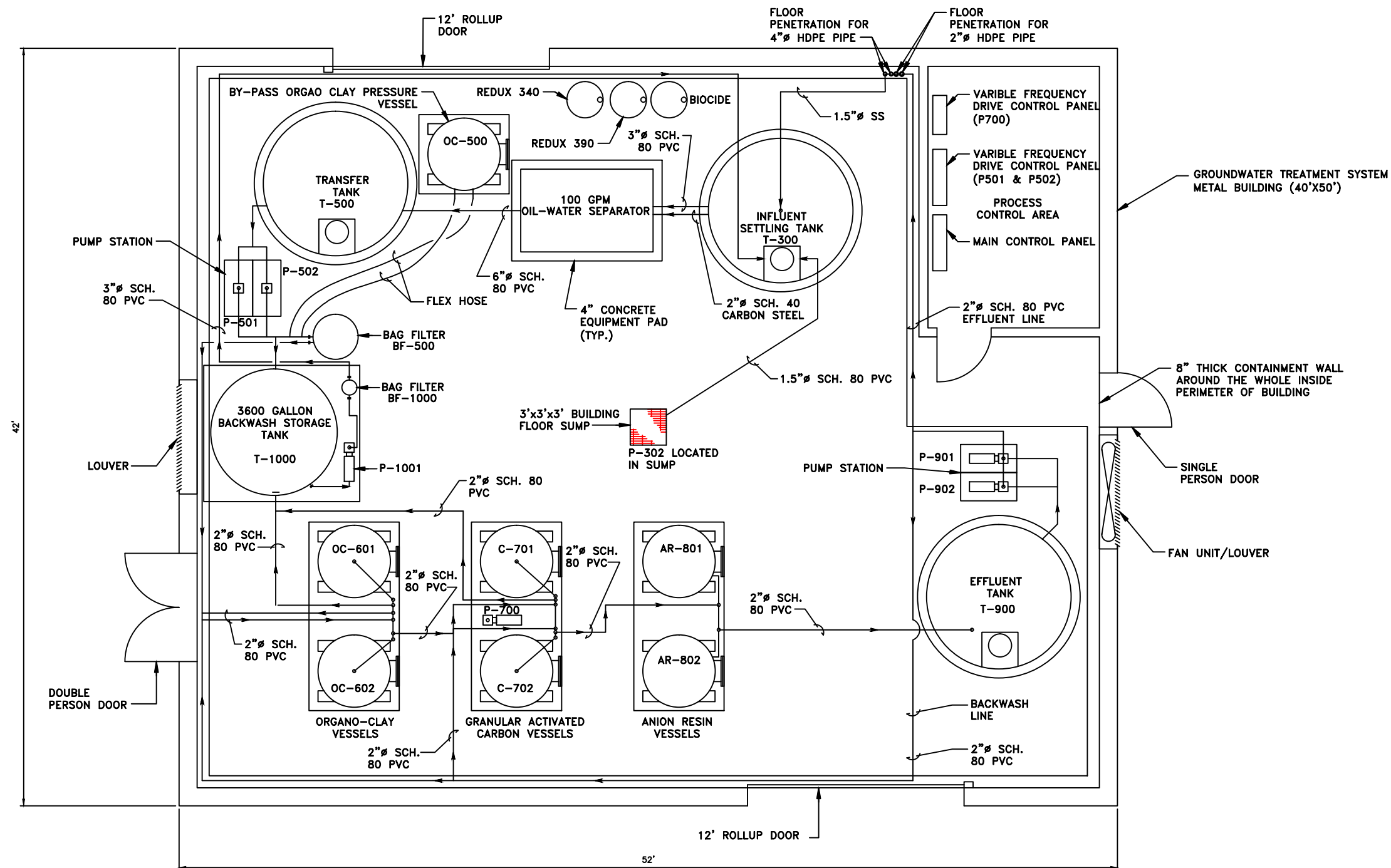
National Grid
20 Hill Street
Gloversville, New York

Drawn
W.G.S.
Designed
Approved

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

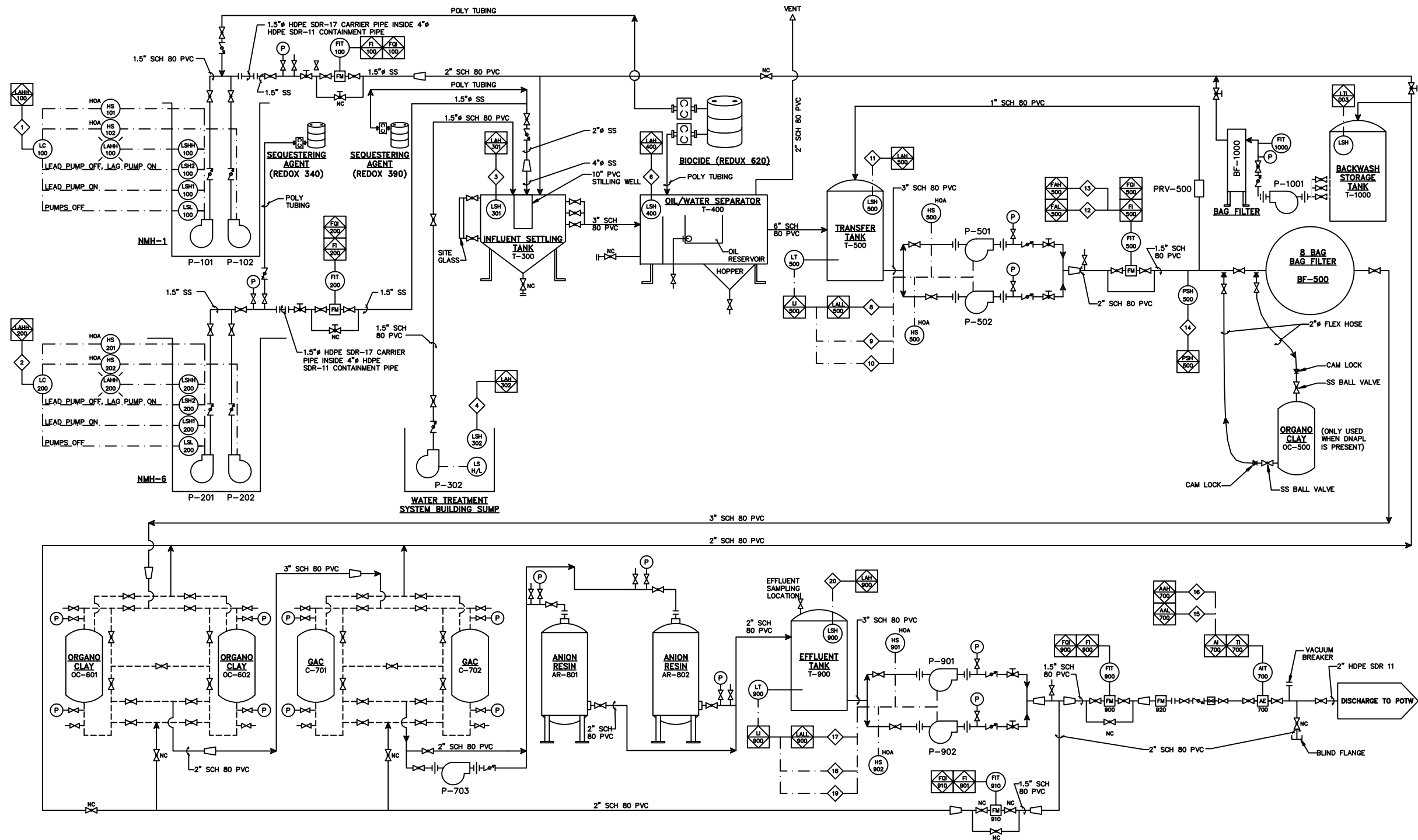
Date
1-22-18
Figure

3

Not to Scale



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Groundwater System
Piping and Instrumentation Diagram

National Grid
20 Hill Street
Gloversville, New York

Drawn
T.P.
Designed
Approved

Date
05/14/19
Figure

4

Not to Scale



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MAJOR EQUIPMENT AND INSTRUMENTATION SPECIFICATIONS:

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

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

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

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

BUILDING SUMP PUMP (P-302)

QUANTITY: 1
MANUFACTURER: HYDROMATIC
MODEL: OSP50BRA1
FLOW RATE: 30 GPM @ 20 FEET OF TDH
MOTOR: 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	09/23/20
Antimony	1.50	Semi-Annual	ND < 0.0060
Arsenic	0.10	Semi-Annual	ND < 0.0050
Cadmium	0.03	Semi-Annual	ND < 0.0030
Chromium, Total	10.00	Semi-Annual	ND < 0.0050
Chromium, Hexavalent	0.15	Semi-Annual	ND < 0.010
Copper	0.20	Semi-Annual	ND < 0.0050
Lead	0.12	Semi-Annual	ND < 0.0050
Mercury	0.03	Semi-Annual	ND < 0.00020
Nickel	0.50	Semi-Annual	ND < 0.010
Selenium	0.03	Semi-Annual	ND < 0.0080
Silver	0.04	Semi-Annual	ND < 0.0060
Thallium	0.06	Semi-Annual	ND < 0.010
Zinc	0.65	Semi-Annual	ND < 0.010
Naphthalene	0.30	Semi-Annual	ND < 0.00097
Aldrin	0.00005	Semi-Annual	ND < 0.024
BHC, Isomers (sum)	0.0002	Semi-Annual	ND < 0.024
Total Chlorinated Phenols	0.01	Semi-Annual	ND < 0.00097
Pentachlorophenol	0.01	Semi-Annual	ND < 0.024

mg/L = milligrams per Liter



Table 2

Effluent Permit and Analytical Data
Grab Sample

Parameter	Peak Instantaneous Concentrations (mg/L)	Frequency Requirements	09/23/20
Benzene	0.014	Semi-Annual	ND < 0.0010
Chloroform	0.41	Semi-Annual	ND < 0.0010
Cyanide, Total	0.10	Semi-Annual	0.022
Ethylbenzene	1.00	Semi-Annual	ND < 0.0010
1,1,2,2-Tetrachloroethane	0.04	Semi-Annual	ND < 0.0010
Tetrachloroethylene	0.01	Semi-Annual	ND < 0.0010
Toluene	1.38	Semi-Annual	ND < 0.0010
Phenols (4AAP)	1.37	Semi-Annual	ND < 0.0024
Oil & Grease	150	Semi-Annual	ND < 4.8
Temperature, °F	150	Semi-Annual	NM
pH, SU	6-10	Semi-Annual	NM

SU = Standard Units

NM

°F = Degrees Fahrenheit

mg/L = milligrams per Liter



Appendix A – Monthly Inspection Forms

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

Date: 07/07/2020

Time: 1115

Technician: KL

Weather: sunny 85

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 week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech made grout repairs 6/16/2020 Epoxy Repairs in July 2020
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	Grouttech repaired 12/16/2015. Asphalt needs repair
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	
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 June 2-3, 2020

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

Date: 08/04/2020

Time: 0900

Technician: KL

Weather: rain 68

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
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
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
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	
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 June 2-3, 2020

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

Date: 09/01/2020

Time: 1030

Technician: KL

Weather: cloudy 68

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
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
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
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	
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 June 2-3, 2020

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

Date: 10/07/2020

Time: 1000

Technician: KL

Weather: rain 57

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
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
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	
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 June 2-3, 2020

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

Date: 11/03/2020

Time: 1130

Technician: KL

Weather: Sunny 31

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
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
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	
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 June 2-3, 2020

Conveyance System Annual Video Inspection completed during the week of November 2, 2020.

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

Date: 12/01/2020

Time: 1130

Technician: KL

Weather: Sunny 48

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
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired 5/5/2016
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	
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 June 2-3, 2020



Appendix B – Weekly Inspection Forms

Date: 12/29/2020

National Grid
Gloversville, New York

Technician: KL

Time: 900

Weather: sunny 25

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		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	new 12/01/2020	
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No	new 12/01/2020	
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?	176		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 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	new 12/01/2020	
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 6/25/2020 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	new 12/01/2020	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 12/22/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1600

Weather: cloudy 30

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		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	new 12/01/2020	
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No	new 12/01/2020	
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?	176		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 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	new 12/01/2020	
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 6/25/2020 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	new 12/01/2020	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 12/15/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1200

Weather: sunny 32

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	new 12/01/2020	
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No	new 12/01/2020	
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	64		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 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	new 12/01/2020	
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 6/25/2020 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	new 12/01/2020	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 12/08/2020

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: Cloudy 46

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		
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?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	new 12/01/2020	
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No	new 12/01/2020	
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	72		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 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	new 12/01/2020	
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 6/25/2020 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	new 12/01/2020	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 12/01/2020

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: Cloudy 46

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		
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?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No	new 12/01/2020	
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No	new 12/01/2020	
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?	80		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 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	new 12/01/2020	
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 6/25/2020 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	new 12/01/2020	
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 11/25/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1115

Weather: Cloudy 36

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	88		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 11/17/2020

National Grid
Gloversville, New York

Technician: TB

Time: 0630

Weather: Cloudy 29

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	Just inspected	
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	96		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 11/11/2020

National Grid
Gloversville, New YorkTechnician: KL
Weather: Rain65

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	104		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 11/03/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1130

Weather: Sunny 31

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	76		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 10/27/2020

National Grid
Gloversville, New York

Technician: TB

Time: 1000

Weather: Cloudy 50

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 10/20/2020

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

Time: 1230

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		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	7			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 10/13/2020

National Grid
Gloversville, New YorkTechnician: KL
Weather: rain 50

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		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	7			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	128		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 10/07/2020

National Grid
Gloversville, New YorkTechnician: KL
Weather: rain 57

Time: 1000

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		
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	8			
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 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	136		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 09/29/2020

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

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		
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	8			
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 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	144		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 09/22/2020

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 50

Time: 1400

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		
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	9			
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 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	152		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 09/15/2020

National Grid
Gloversville, New YorkTechnician: KL
Weather: PC 50

Time: 1400

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		
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	9			
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 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	160		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 09/10/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1400

Weather: Cloudy 80

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		
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	9			
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 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	48		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 09/01/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1400

Weather: Cloudy 80

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		
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	10		7 new	
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		1 new	
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		3 new	
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	56		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 08/25/2020

National Grid
Gloversville, New York

Technician: TB

Time: 1400

Weather: Cloudy 80

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		
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?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	64		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 08/17/2020

National Grid
Gloversville, New York

Technician: TB

Time: 1530

Weather: Sunny 84

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		
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?	1			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
Change LNAPL booms from inside OWS?	Yes	No		
Any LNAPL in OWS?	Yes	No	amount?	
OWS effluent Tank 500 in good condition and free of leaks?	Yes	No	Cleaned 9/16/2014 Clean Harbors	
OWS effluent Tank 500 sediment?	Yes	No	amount?	
Change LNAPL boom from inside OWS effluent tank?	Yes	No		
Pump P-501 operating and in good condition?	Yes	No	New Unit 12/18/2017	
Pump P-502 operating and in good condition?	Yes	No	New Unit 4/7/2014	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No	OFF LINE	
Bag filter unit operating and in good condition?	Yes	No		
Number of extra 10 Micron bags?	72		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 08/12/2020

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: sunny 75

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		
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?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	80		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 08/04/2020

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: rain 68

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		
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?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	88		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 07/28/2020

National Grid
Gloversville, New York

Technician: KL

Time: 1330

Weather: Sunny 85

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	96		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 07/20/2020

National Grid
Gloversville, New York

Technician: TB

Time: 700

Weather: Sunny 83

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	104		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 07/14/2020

National Grid
Gloversville, New York

Technician: KL

Weather: Sunny 75

1000

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	112		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

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		
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?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 6/25/2020 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 6/25/2020 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 6/25/2020 Sun	
OWS media in good condition?	Yes	No	New Media 6/25/2020	
Clean OWS media?	Yes	No	New Media 6/25/2020	
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?	120		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/11/2020
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/10/2020
Calibrate PH and temperature meter?	Yes	No	New Probe 9/11/2018	
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 6/25/2020 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/22/2019 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 6/25/2020 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	



Appendix C – Treated Effluent Water Analytical Data

October 02, 2020

Devin Shay
Groundwater & Environmental Services -
Syracuse
5 Technology Place, Suite 4
East Syracuse, NY 13057

RE: Project: National Grid - Gloversville
Pace Project No.: 30384157

Dear Devin Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2020. 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 - Greensburg

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

Sincerely,



Rachel Christner
rachel.christner@pacelabs.com
724-850-5611
Project Manager

Enclosures

cc: Tim Beaumont, Groundwater & Environmental Services,
Inc.
NE Region GES, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville

Pace Project No.: 30384157

Pace Analytical Services Pennsylvania

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

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

Delaware Certification

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Florida: Cert E871149 SEKS WET

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas/TNI Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012

Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572018-1

New Hampshire/TNI Certification #: 297617

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-010

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3

Utah/TNI Certification #: PA014572017-9

USDA Soil Permit #: P330-17-00091

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 9526

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: National Grid - Gloversville

Pace Project No.: 30384157

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30384157001	System Effluent Composite 0920	Water	09/23/20 13:00	09/24/20 10:00

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30384157

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30384157001	System Effluent Composite 0920	EPA 608.3 Dec 2016	TAW	7	PASI-PA
		EPA 200.7 Rev. 4.4, 1994	KAS	11	PASI-PA
		EPA 245.1 Rev. 3.0, 1994	KAS	1	PASI-PA
		EPA 625.1 Dec 2016	EAC	12	PASI-PA
		SM 3500-CrB-2011	PAS	1	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.: 30384157

Method: EPA 608.3 Dec 2016

Description: 608.3 Pesticides Reduced Vol.

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

Date: October 02, 2020

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:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30384157

Method: EPA 200.7 Rev. 4.4, 1994

Description: 200.7 Metals, Total

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

Date: October 02, 2020

General Information:

1 sample was analyzed for EPA 200.7 Rev. 4.4, 1994 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 200.7 Rev. 4.4, 1994 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Duplicate Sample:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30384157

Method: EPA 245.1 Rev. 3.0, 1994

Description: 245.1 Mercury

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

Date: October 02, 2020

General Information:

1 sample was analyzed for EPA 245.1 Rev. 3.0, 1994 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 245.1 Rev. 3.0, 1994 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:

Analyte Comments:

QC Batch: 416101

2c: The PDS recovery was outside of the laboratory control limits. Result may be biased high

- System Effluent Composite 0920 (Lab ID: 30384157001)
 - Mercury

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30384157

Method: EPA 625.1 Dec 2016

Description: 625.1 Reduced Volume

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

Date: October 02, 2020

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.: 30384157

Method: SM 3500-CrB-2011

Description: Chromium, Hexavalent

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

Date: October 02, 2020

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 0920 (Lab ID: 30384157001)

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: 415534

Analyte Comments:

QC Batch: 415534

1c: Due to limited volume for MS/MSD, LCSD was analyzed

- BLANK (Lab ID: 2009542)
 - Chromium, Hexavalent
- LCS (Lab ID: 2009543)
 - Chromium, Hexavalent
- LCSD (Lab ID: 2009544)
 - Chromium, Hexavalent
- System Effluent Composite 0920 (Lab ID: 30384157001)
 - 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.: 30384157

Sample: System Effluent **Lab ID:** 30384157001 **Collected:** 09/23/20 13:00 **Received:** 09/24/20 10:00 **Matrix:** Water
Composite 0920

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	0.0076	1	09/29/20 13:00	09/30/20 13:00	309-00-2	
alpha-BHC	ND	ug/L	0.024	0.0083	1	09/29/20 13:00	09/30/20 13:00	319-84-6	
beta-BHC	ND	ug/L	0.024	0.014	1	09/29/20 13:00	09/30/20 13:00	319-85-7	
delta-BHC	ND	ug/L	0.024	0.017	1	09/29/20 13:00	09/30/20 13:00	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.024	0.013	1	09/29/20 13:00	09/30/20 13:00	58-89-9	
Surrogates									
Tetrachloro-m-xylene (S)	56	%.	21-100		1	09/29/20 13:00	09/30/20 13:00	877-09-8	
Decachlorobiphenyl (S)	57	%.	10-113		1	09/29/20 13:00	09/30/20 13:00	2051-24-3	
200.7 Metals, Total									
Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994									
Pace Analytical Services - Greensburg									
Antimony	ND	mg/L	0.0060	0.0055	1	09/25/20 09:33	09/28/20 07:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0045	1	09/25/20 09:33	09/28/20 07:53	7440-38-2	
Cadmium	ND	mg/L	0.0030	0.00034	1	09/25/20 09:33	09/28/20 07:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.00052	1	09/25/20 09:33	09/28/20 07:53	7440-47-3	
Copper	ND	mg/L	0.0050	0.0018	1	09/25/20 09:33	09/28/20 07:53	7440-50-8	
Lead	ND	mg/L	0.0050	0.0024	1	09/25/20 09:33	09/28/20 07:53	7439-92-1	
Nickel	ND	mg/L	0.010	0.0015	1	09/25/20 09:33	09/28/20 07:53	7440-02-0	
Selenium	ND	mg/L	0.0080	0.0038	1	09/25/20 09:33	09/28/20 07:53	7782-49-2	
Silver	ND	mg/L	0.0060	0.0011	1	09/25/20 09:33	09/28/20 07:53	7440-22-4	
Thallium	ND	mg/L	0.010	0.0033	1	09/25/20 09:33	09/28/20 07:53	7440-28-0	
Zinc	ND	mg/L	0.010	0.0042	1	09/25/20 09:33	09/28/20 07:53	7440-66-6	
245.1 Mercury									
Analytical Method: EPA 245.1 Rev. 3.0, 1994 Preparation Method: EPA 245.1 Rev. 3.0, 1994									
Pace Analytical Services - Greensburg									
Mercury	ND	mg/L	0.00020	0.000030	1	09/29/20 14:43	09/30/20 07:15	7439-97-6	2c
625.1 Reduced Volume									
Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016									
Pace Analytical Services - Greensburg									
2,4,6-Trichlorophenol	ND	ug/L	0.97	0.58	1	09/29/20 13:00	09/29/20 23:45	88-06-2	
2,4-Dichlorophenol	ND	ug/L	0.97	0.59	1	09/29/20 13:00	09/29/20 23:45	120-83-2	
2-Chlorophenol	ND	ug/L	0.97	0.57	1	09/29/20 13:00	09/29/20 23:45	95-57-8	
4-Chloro-3-methylphenol	ND	ug/L	0.97	0.61	1	09/29/20 13:00	09/29/20 23:45	59-50-7	
Naphthalene	ND	ug/L	0.97	0.65	1	09/29/20 13:00	09/29/20 23:45	91-20-3	
Pentachlorophenol	ND	ug/L	2.4	1.5	1	09/29/20 13:00	09/29/20 23:45	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	57	%.	15-104		1	09/29/20 13:00	09/29/20 23:45	4165-60-0	
2-Fluorobiphenyl (S)	40	%.	14-113		1	09/29/20 13:00	09/29/20 23:45	321-60-8	
Terphenyl-d14 (S)	84	%.	26-159		1	09/29/20 13:00	09/29/20 23:45	1718-51-0	
Phenol-d6 (S)	22	%.	10-48		1	09/29/20 13:00	09/29/20 23:45	13127-88-3	
2-Fluorophenol (S)	32	%.	10-66		1	09/29/20 13:00	09/29/20 23:45	367-12-4	
2,4,6-Tribromophenol (S)	73	%.	24-131		1	09/29/20 13:00	09/29/20 23:45	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30384157

Sample: System Effluent **Lab ID:** 30384157001 Collected: 09/23/20 13:00 Received: 09/24/20 10:00 Matrix: Water
Composite 0920

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		09/24/20 18:47	18540-29-9	1c,H1

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384157

QC Batch: 416101	Analysis Method: EPA 245.1 Rev. 3.0, 1994
QC Batch Method: EPA 245.1 Rev. 3.0, 1994	Analysis Description: 245.1 Mercury
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30384157001

METHOD BLANK: 2011889 Matrix: Water
Associated Lab Samples: 30384157001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000030	09/30/20 06:33	

LABORATORY CONTROL SAMPLE: 2011890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.001	0.00099	99	85-115	

MATRIX SPIKE SAMPLE: 2011892

Parameter	Units	30384068001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.0025	0.0026	103	70-130	

MATRIX SPIKE SAMPLE: 2011894

Parameter	Units	30384292001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	2.2 ug/L	0.0025	0.0048	104	70-130	

SAMPLE DUPLICATE: 2011891

Parameter	Units	30384068001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 2011893

Parameter	Units	30384292001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/L	2.2 ug/L	0.0023	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384157

QC Batch: 415585	Analysis Method: EPA 200.7 Rev. 4.4, 1994
QC Batch Method: EPA 200.7 Rev. 4.4, 1994	Analysis Description: 200.7 Metals, Total
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30384157001

METHOD BLANK: 2009730 Matrix: Water
Associated Lab Samples: 30384157001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0060	0.0055	09/28/20 06:46	
Arsenic	mg/L	ND	0.0050	0.0045	09/28/20 06:46	
Cadmium	mg/L	ND	0.0030	0.00034	09/28/20 06:46	
Chromium	mg/L	ND	0.0050	0.00052	09/28/20 06:46	
Copper	mg/L	ND	0.0050	0.0018	09/28/20 06:46	
Lead	mg/L	ND	0.0050	0.0024	09/28/20 06:46	
Nickel	mg/L	ND	0.010	0.0015	09/28/20 06:46	
Selenium	mg/L	ND	0.0080	0.0038	09/28/20 06:46	
Silver	mg/L	ND	0.0060	0.0011	09/28/20 06:46	
Thallium	mg/L	ND	0.010	0.0033	09/28/20 06:46	
Zinc	mg/L	ND	0.010	0.0042	09/28/20 06:46	

LABORATORY CONTROL SAMPLE: 2009731

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.5	0.52	103	85-115	
Arsenic	mg/L	0.5	0.50	101	85-115	
Cadmium	mg/L	0.5	0.51	102	85-115	
Chromium	mg/L	0.5	0.49	98	85-115	
Copper	mg/L	0.5	0.50	100	85-115	
Lead	mg/L	0.5	0.49	97	85-115	
Nickel	mg/L	0.5	0.51	102	85-115	
Selenium	mg/L	0.5	0.51	101	85-115	
Silver	mg/L	0.25	0.25	100	85-115	
Thallium	mg/L	0.5	0.48	96	85-115	
Zinc	mg/L	0.5	0.50	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2009733 2009734

Parameter	Units	30383727001		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike	Result									
Antimony	mg/L	ND	0.5	0.5	0.53	0.54	105	106	70-130	2	20			
Arsenic	mg/L	0.010	0.5	0.5	0.52	0.53	103	105	70-130	2	20			
Cadmium	mg/L	ND	0.5	0.5	0.52	0.52	103	105	70-130	2	20			
Chromium	mg/L	ND	0.5	0.5	0.48	0.50	96	99	70-130	3	20			
Copper	mg/L	0.0067	0.5	0.5	0.50	0.51	100	101	70-130	1	20			
Lead	mg/L	ND	0.5	0.5	0.49	0.50	98	100	70-130	2	20			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30384157

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2009733 2009734											
Parameter	Units	30383727001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Nickel	mg/L	0.018	0.5	0.5	0.51	0.52	99	101	70-130	1	20
Selenium	mg/L	ND	0.5	0.5	0.51	0.52	103	104	70-130	1	20
Silver	mg/L	ND	0.25	0.25	0.25	0.26	100	103	70-130	4	20
Thallium	mg/L	ND	0.5	0.5	0.48	0.49	97	98	70-130	1	20
Zinc	mg/L	ND	0.5	0.5	0.49	0.50	97	99	70-130	2	20

SAMPLE DUPLICATE: 2009732

Parameter	Units	30383727001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	mg/L	ND	ND		20	
Arsenic	mg/L	0.010	0.0091	11	20	
Cadmium	mg/L	ND	ND		20	
Chromium	mg/L	ND	.00075J		20	
Copper	mg/L	0.0067	.0049J		20	
Lead	mg/L	ND	ND		20	
Nickel	mg/L	0.018	0.017	6	20	
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	
Thallium	mg/L	ND	ND		20	
Zinc	mg/L	ND	ND		20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384157

QC Batch:	415989	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: 30384157001

METHOD BLANK: 2011390 Matrix: Water
Associated Lab Samples: 30384157001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aldrin	ug/L	ND	0.025	0.0078	09/30/20 12:42	
alpha-BHC	ug/L	ND	0.025	0.0086	09/30/20 12:42	
beta-BHC	ug/L	ND	0.025	0.015	09/30/20 12:42	
delta-BHC	ug/L	ND	0.025	0.018	09/30/20 12:42	
gamma-BHC (Lindane)	ug/L	ND	0.025	0.014	09/30/20 12:42	
Decachlorobiphenyl (S)	%	58	10-113		09/30/20 12:42	
Tetrachloro-m-xylene (S)	%	66	21-100		09/30/20 12:42	

LABORATORY CONTROL SAMPLE: 2011391

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	ug/L	0.2	0.14	68	54-130	
alpha-BHC	ug/L	0.2	0.13	67	49-130	
beta-BHC	ug/L	0.2	0.14	70	39-130	
delta-BHC	ug/L	0.2	0.15	73	51-130	
gamma-BHC (Lindane)	ug/L	0.2	0.14	69	43-130	
Decachlorobiphenyl (S)	%			51	10-113	
Tetrachloro-m-xylene (S)	%			63	21-100	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2011392 2011393

Parameter	Units	30384423001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aldrin	ug/L	0.25 U	0.2	0.2	.17J	.18J	74	76	42-140		35	
alpha-BHC	ug/L	0.25 U	0.2	0.2	.12J	.13J	51	58	37-140		36	
beta-BHC	ug/L	0.25 U	0.2	0.2	.17J	0.30	85	150	17-147		44	M6
delta-BHC	ug/L	0.25 U	0.2	0.2	ND	ND	46	52	19-140		52	
gamma-BHC (Lindane)	ug/L	0.25 U	0.2	0.2	.2J	.24J	90	110	32-140		39	
Decachlorobiphenyl (S)	%						62	69	10-113			
Tetrachloro-m-xylene (S)	%						41	39	21-100			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384157

QC Batch:	415988	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: 30384157001

METHOD BLANK: 2011386 Matrix: Water

Associated Lab Samples: 30384157001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2,4,6-Trichlorophenol	ug/L	ND	1.0	0.59	09/29/20 17:20	
2,4-Dichlorophenol	ug/L	ND	1.0	0.61	09/29/20 17:20	
2-Chlorophenol	ug/L	ND	1.0	0.59	09/29/20 17:20	
4-Chloro-3-methylphenol	ug/L	ND	1.0	0.63	09/29/20 17:20	
Naphthalene	ug/L	ND	1.0	0.67	09/29/20 17:20	
Pentachlorophenol	ug/L	ND	2.5	1.5	09/29/20 17:20	
2,4,6-Tribromophenol (S)	%	77	24-131		09/29/20 17:20	
2-Fluorobiphenyl (S)	%	69	14-113		09/29/20 17:20	
2-Fluorophenol (S)	%	45	10-66		09/29/20 17:20	
Nitrobenzene-d5 (S)	%	81	15-104		09/29/20 17:20	
Phenol-d6 (S)	%	31	10-48		09/29/20 17:20	
Terphenyl-d14 (S)	%	88	26-159		09/29/20 17:20	

LABORATORY CONTROL SAMPLE: 2011387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	10	7.5	75	52-119	
2,4-Dichlorophenol	ug/L	10	6.9	69	53-122	
2-Chlorophenol	ug/L	10	6.5	65	36-120	
4-Chloro-3-methylphenol	ug/L	10	7.1	71	41-128	
Naphthalene	ug/L	10	6.7	67	36-120	
Pentachlorophenol	ug/L	10	9.7	97	38-152	
2,4,6-Tribromophenol (S)	%			84	24-131	
2-Fluorobiphenyl (S)	%			64	14-113	
2-Fluorophenol (S)	%			40	10-66	
Nitrobenzene-d5 (S)	%			70	15-104	
Phenol-d6 (S)	%			27	10-48	
Terphenyl-d14 (S)	%			89	26-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2011388 2011389

Parameter	Units	30384189001 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	<0.63	10.5	10.1	7.4	5.2	70	52	37-114	34	58	
2,4-Dichlorophenol	ug/L	<0.65	10.5	10.1	6.7	5.1	63	50	39-135	27	50	
2-Chlorophenol	ug/L	<0.62	10.5	10.1	6.0	4.4	57	44	23-134	30	61	
4-Chloro-3-methylphenol	ug/L	<0.67	10.5	10.1	7.3	5.5	69	54	22-147	28	73	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30384157

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
2011388					2011389							
Parameter	Units	30384189001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike Conc.	Spike Conc.								
Naphthalene	ug/L	<0.71	10.5	10.1	6.0	4.6	57	45	21-133	27	65	
Pentachlorophenol	ug/L	<1.6	10.5	10.1	11.4	10.2	108	101	14-176	11	86	
2,4,6-Tribromophenol (S)	%						80	59	24-131			
2-Fluorobiphenyl (S)	%						55	42	14-113			
2-Fluorophenol (S)	%						35	26	10-66			
Nitrobenzene-d5 (S)	%						65	52	15-104			
Phenol-d6 (S)	%						27	19	10-48			
Terphenyl-d14 (S)	%						81	74	26-159			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30384157

QC Batch: 415534

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: 30384157001

METHOD BLANK: 2009542

Matrix: Water

Associated Lab Samples: 30384157001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium, Hexavalent	mg/L	ND	0.010	0.0054	09/24/20 18:45	1c

LABORATORY CONTROL SAMPLE & LCSD: 2009543

2009544

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	0.26	99	104	85-115	5	20	1c

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: National Grid - Gloversville

Pace Project No.: 30384157

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.

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 415534

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

ANALYTE QUALIFIERS

1c Due to limited volume for MS/MSD, LCSD was analyzed

2c The PDS recovery was outside of the laboratory control limits. Result may be biased high

H1 Analysis conducted outside the EPA method holding time.

M6 Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: National Grid - Gloversville

Pace Project No.: 30384157

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30384157001	System Effluent Composite 0920	EPA 608.3 Dec 2016	415989	EPA 608.3 Dec 2016	416141
30384157001	System Effluent Composite 0920	EPA 200.7 Rev. 4.4, 1994	415585	EPA 200.7 Rev. 4.4, 1994	415701
30384157001	System Effluent Composite 0920	EPA 245.1 Rev. 3.0, 1994	416101	EPA 245.1 Rev. 3.0, 1994	416144
30384157001	System Effluent Composite 0920	EPA 625.1 Dec 2016	415988	EPA 625.1 Dec 2016	416145
30384157001	System Effluent Composite 0920	SM 3500-CrB-2011	415534		

REPORT OF LABORATORY ANALYSIS

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Section A Required Client Information: Company: GES - Syracuse Address: 5 Technology Place, Suite 4 East Syracuse, New York 13057 Email To: dshay@gesonline.com Phone: 800.220.3069 Fax: None Requested Due Date/TAT: Standard		Section B Required Project Information: Report To: Devin Shay (GES) Report To: Tim Beaumont (GES) Company Name: Groundwater & Environmental Services, Inc. Address: 5 Technology Place, Suite 4, East Syracuse, NY 13057 Pace Quote Reference: Pace Project Manager: Rachel Chrisher Pace Profile #:		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 Chrisher Pace Profile #:		Page: 1 of 1																												
Section D Required Client Information SAMPLE ID One Character per box. (A-Z, 0-9 / ,) Samples IDs MUST BE UNIQUE		MATRIX CODE DRINKING WATER WASTE WATER INDUSTRIAL WASTE SOLID WASTE AIR OTHER		MATRIX CODE DW WW IW SW AW OT		Pace Project Number Lab ID:																												
ITEM #	1		System Effluent Composite 0920		WT C		SAMPLE TYPE G+GRAB		COLLECTED		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		PRESERVATIVES		Requested Analysis:		Filtered (Y/N)		LOCATION		SITE		REGULATORY AGENCY		Temp In °C		Received on		Sealed Cooler		Samples Intact	
	2		---END OF RECORD---																															
	3																																	
	4																																	
	5																																	
	6																																	
	7																																	
	8																																	
	9																																	
	10																																	
	11																																	
	12																																	

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:

NGGloversville-jah-number.28351.EQEDD.zip

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER: Devin Shay

SIGNATURE OF SAMPLER: [Signature]

Pittsburgh Lab Sample Condition Upon Receipt



Client Name:

GES

Project #

- 30384157

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

Tracking #: 9099 9900 9433

Label	JGM
LIMS Login	JGM

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Thermometer Used 9 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 4.3 °C Correction Factor: -1.1 °C Final Temp: 4.2 °C

Temp should be above freezing to 6°C

Comments:	Yes	No	N/A	pH paper Lot#	Date and Initials of person examining contents:
Chain of Custody Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1000401	Rjm 9/24/20
Chain of Custody Filled Out:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.	
Sample Labels match COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.	
-Includes date/time/ID Matrix: LT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.	
Short Hold Time Analysis (<72hr remaining):	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7.	Rjm 9/24/2020
Rush Turn Around Time Requested:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8.	
Sufficient Volume:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.	
Correct Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.	
-Pace Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11.	
Containers Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12.	
Orthophosphate field filtered	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13.	
Hex Cr Aqueous sample field filtered	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14.	
Organic Samples checked for dechlorination:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15.	
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16.	
All containers have been checked for preservation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, Non-aqueous matrix					
All containers meet method preservation requirements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17.	
Trip Blank Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18.	
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Rad Samples Screened < 0.5 mrem/hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed:	Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ A check in this box indicates that additional information has been stored in ereports.

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

October 05, 2020

Devin Shay
Groundwater & Environmental Services -
Syracuse
5 Technology Place, Suite 4
East Syracuse, NY 13057

RE: Project: National Grid - Gloversville
Pace Project No.: 30384158

Dear Devin Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2020. 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

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

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

Sincerely,



Rachel Christner
rachel.christner@pacelabs.com
724-850-5611
Project Manager

Enclosures

cc: Tim Beaumont, Groundwater & Environmental Services,
Inc.
NE Region GES, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville

Pace Project No.: 30384158

Pace Analytical Services Pennsylvania

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

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

Delaware Certification

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Florida: Cert E871149 SEKS WET

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas/TNI Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012

Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572018-1

New Hampshire/TNI Certification #: 297617

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-010

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3

Utah/TNI Certification #: PA014572017-9

USDA Soil Permit #: P330-17-00091

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 9526

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

Wyoming Certification #: 8TMS-L

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: National Grid - Gloversville

Pace Project No.: 30384158

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30384158001	System Effluent Grab 0920	Water	09/23/20 13:15	09/24/20 10:00
30384158002	Trip Blank	Water	09/23/20 00:01	09/24/20 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30384158

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30384158001	System Effluent Grab 0920	EPA 625.1 Dec 2016	EAC	7	PASI-PA
		EPA 624.1 Dec 2016	JAS	10	PASI-PA
		EPA 1664A	SEF	1	PASI-PA
		SM 4500CNE-2011	EKM	1	PASI-PA
30384158002	Trip Blank	EPA 624.1 Dec 2016	JAS	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.: 30384158

Method: EPA 625.1 Dec 2016

Description: 625.1 Reduced Volume

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

Date: October 05, 2020

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.: 30384158

Method: EPA 624.1 Dec 2016

Description: 624.1 Volatile Organics

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

Date: October 05, 2020

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.: 30384158

Method: EPA 1664A

Description: HEM, Oil and Grease

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

Date: October 05, 2020

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:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30384158

Method: SM 4500CNE-2011

Description: 4500CNE Cyanide, Total

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

Date: October 05, 2020

General Information:

1 sample was analyzed for SM 4500CNE-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.

Sample Preparation:

The samples were prepared in accordance with SM 4500CNC-2011 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:

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.: 30384158

Sample: System Effluent Grab 0920 Lab ID: 30384158001 Collected: 09/23/20 13:15 Received: 09/24/20 10:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 Pace Analytical Services - Greensburg									
Pentachlorophenol	ND	ug/L	2.4	1.5	1	09/29/20 13:00	09/30/20 00:05	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	84	%	15-104		1	09/29/20 13:00	09/30/20 00:05	4165-60-0	
2-Fluorobiphenyl (S)	71	%	14-113		1	09/29/20 13:00	09/30/20 00:05	321-60-8	
Terphenyl-d14 (S)	85	%	26-159		1	09/29/20 13:00	09/30/20 00:05	1718-51-0	
Phenol-d6 (S)	34	%	10-48		1	09/29/20 13:00	09/30/20 00:05	13127-88-3	
2-Fluorophenol (S)	50	%	10-66		1	09/29/20 13:00	09/30/20 00:05	367-12-4	
2,4,6-Tribromophenol (S)	86	%	24-131		1	09/29/20 13:00	09/30/20 00:05	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		09/30/20 19:11	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		09/30/20 19:11	71-43-2	
Chloroform	ND	ug/L	1.0	0.47	1		09/30/20 19:11	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		09/30/20 19:11	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		09/30/20 19:11	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		09/30/20 19:11	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	98	%	80-120		1		09/30/20 19:11	460-00-4	
Toluene-d8 (S)	95	%	80-120		1		09/30/20 19:11	2037-26-5	
1,2-Dichloroethane-d4 (S)	108	%	80-120		1		09/30/20 19:11	17060-07-0	
Dibromofluoromethane (S)	101	%	80-120		1		09/30/20 19:11	1868-53-7	
HEM, Oil and Grease Analytical Method: EPA 1664A Pace Analytical Services - Greensburg									
Oil and Grease	ND	mg/L	4.8	0.92	1		10/01/20 13:05		
4500CNE Cyanide, Total Analytical Method: SM 4500CNE-2011 Preparation Method: SM 4500CNC-2011 Pace Analytical Services - Greensburg									
Cyanide	0.022	mg/L	0.010	0.0082	1	09/28/20 08:30	09/28/20 11:53	57-12-5	

Sample: Trip Blank Lab ID: 30384158002 Collected: 09/23/20 00:01 Received: 09/24/20 10:00 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		09/30/20 18:43	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		09/30/20 18:43	71-43-2	
Chloroform	ND	ug/L	1.0	0.47	1		09/30/20 18:43	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		09/30/20 18:43	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		09/30/20 18:43	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		09/30/20 18:43	108-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30384158

Sample: Trip Blank		Lab ID: 30384158002		Collected: 09/23/20 00:01		Received: 09/24/20 10:00		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								
Surrogates										
4-Bromofluorobenzene (S)		96	%.	80-120		1		09/30/20 18:43	460-00-4	
Toluene-d8 (S)		95	%.	80-120		1		09/30/20 18:43	2037-26-5	
1,2-Dichloroethane-d4 (S)		111	%.	80-120		1		09/30/20 18:43	17060-07-0	
Dibromofluoromethane (S)		105	%.	80-120		1		09/30/20 18:43	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384158

QC Batch: 416360 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: 30384158001, 30384158002

METHOD BLANK: 2012993 Matrix: Water
Associated Lab Samples: 30384158001, 30384158002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.24	09/30/20 16:53	
Benzene	ug/L	ND	1.0	0.41	09/30/20 16:53	
Chloroform	ug/L	ND	1.0	0.47	09/30/20 16:53	
Ethylbenzene	ug/L	ND	1.0	0.31	09/30/20 16:53	
Tetrachloroethene	ug/L	ND	1.0	0.30	09/30/20 16:53	
Toluene	ug/L	ND	1.0	0.24	09/30/20 16:53	
1,2-Dichloroethane-d4 (S)	%	109	80-120		09/30/20 16:53	
4-Bromofluorobenzene (S)	%	94	80-120		09/30/20 16:53	
Dibromofluoromethane (S)	%	106	80-120		09/30/20 16:53	
Toluene-d8 (S)	%	96	80-120		09/30/20 16:53	

LABORATORY CONTROL SAMPLE: 2012994

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	18.2	91	60-140	
Benzene	ug/L	20	19.8	99	65-135	
Chloroform	ug/L	20	19.9	99	70-135	
Ethylbenzene	ug/L	20	19.8	99	60-140	
Tetrachloroethene	ug/L	20	19.9	99	70-130	
Toluene	ug/L	20	19.9	100	70-130	
1,2-Dichloroethane-d4 (S)	%			104	80-120	
4-Bromofluorobenzene (S)	%			94	80-120	
Dibromofluoromethane (S)	%			103	80-120	
Toluene-d8 (S)	%			98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2013202 2013203

Parameter	Units	30384267001 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	18.8	18.6	94	93	46-157	1	61	
Benzene	ug/L	ND	20	20	21.3	20.6	107	103	37-151	4	61	
Chloroform	ug/L	ND	20	20	21.0	20.4	105	102	51-138	3	54	
Ethylbenzene	ug/L	ND	20	20	20.8	20.0	104	100	37-162	4	63	
Tetrachloroethene	ug/L	ND	20	20	22.0	20.9	110	104	64-148	5	39	
Toluene	ug/L	ND	20	20	21.0	20.2	105	101	47-150	4	41	
1,2-Dichloroethane-d4 (S)	%						107	109	80-120			
4-Bromofluorobenzene (S)	%						96	96	80-120			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30384158

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:											
2013202					2013203						
Parameter	Units	30384267001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike	Spike							
Dibromofluoromethane (S)	%.		Conc.	Conc.			104	105	80-120		
Toluene-d8 (S)	%.						98	95	80-120		

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384158

QC Batch: 415988	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: 30384158001

METHOD BLANK: 2011386 Matrix: Water
Associated Lab Samples: 30384158001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	2.5	1.5	09/29/20 17:20	
2,4,6-Tribromophenol (S)	%.	77	24-131		09/29/20 17:20	
2-Fluorobiphenyl (S)	%.	69	14-113		09/29/20 17:20	
2-Fluorophenol (S)	%.	45	10-66		09/29/20 17:20	
Nitrobenzene-d5 (S)	%.	81	15-104		09/29/20 17:20	
Phenol-d6 (S)	%.	31	10-48		09/29/20 17:20	
Terphenyl-d14 (S)	%.	88	26-159		09/29/20 17:20	

LABORATORY CONTROL SAMPLE: 2011387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	10	9.7	97	38-152	
2,4,6-Tribromophenol (S)	%.			84	24-131	
2-Fluorobiphenyl (S)	%.			64	14-113	
2-Fluorophenol (S)	%.			40	10-66	
Nitrobenzene-d5 (S)	%.			70	15-104	
Phenol-d6 (S)	%.			27	10-48	
Terphenyl-d14 (S)	%.			89	26-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2011388 2011389

Parameter	Units	30384189001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/L	<1.6	10.5	10.1	11.4	10.2	108	101	14-176	11	86	
2,4,6-Tribromophenol (S)	%.						80	59	24-131			
2-Fluorobiphenyl (S)	%.						55	42	14-113			
2-Fluorophenol (S)	%.						35	26	10-66			
Nitrobenzene-d5 (S)	%.						65	52	15-104			
Phenol-d6 (S)	%.						27	19	10-48			
Terphenyl-d14 (S)	%.						81	74	26-159			

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30384158

QC Batch: 416487

QC Batch Method: EPA 1664A

Analysis Method: EPA 1664A

Analysis Description: 1664 HEM, Oil and Grease

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30384158001

METHOD BLANK: 2013746

Matrix: Water

Associated Lab Samples: 30384158001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	4.8	0.92	10/01/20 12:59	

LABORATORY CONTROL SAMPLE: 2013747

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	31.4	79	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2013748 2013749

Parameter	Units	30384439001 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	36.0	36.7	86	87	78-114	2	18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30384158

QC Batch:	415794	Analysis Method:	SM 4500CNE-2011
QC Batch Method:	SM 4500CNC-2011	Analysis Description:	4500CNE Cyanide, Total
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 30384158001

METHOD BLANK: 2010779 Matrix: Water
Associated Lab Samples: 30384158001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	09/28/20 11:26	

METHOD BLANK: 2010780 Matrix: Water
Associated Lab Samples: 30384158001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	09/28/20 11:27	

LABORATORY CONTROL SAMPLE: 2010781

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.20	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2010783 2010784

Parameter	Units	50267527002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	<0.010	0.1	0.1	0.097	0.096	93	92	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2010837 2010838

Parameter	Units	30383843005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	ND	0.1	0.1	0.10	0.10	100	97	90-110	3	20	

SAMPLE DUPLICATE: 2010782

Parameter	Units	50267527002 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	<0.010	ND		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.: 30384158

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.

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: National Grid - Gloversville

Pace Project No.: 30384158

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30384158001	System Effluent Grab 0920	EPA 625.1 Dec 2016	415988	EPA 625.1 Dec 2016	416145
30384158001	System Effluent Grab 0920	EPA 624.1 Dec 2016	416360		
30384158002	Trip Blank	EPA 624.1 Dec 2016	416360		
30384158001	System Effluent Grab 0920	EPA 1664A	416487		
30384158001	System Effluent Grab 0920	SM 4500CNC-2011	415794	SM 4500CNE-2011	415848

REPORT OF LABORATORY ANALYSIS

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WO#: 30384158

Document

pleted accurately.

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

SITE ☐ GA ☐ IL ☐ IN ☐ MI ☐ NC

LOCATION ☐ OH ☐ SC ☐ WY ☐ OTHER

Section A Required Client Information:

Company: GES - Syracuse

Report To: Devin Shay (GES)

dshay@gesonline.com

Address: 5 Technology Place, Suite 4

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: 0603200-120780-221-1106

Requested Due Date/TAT: Standard

Section B Required Project Information:

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 Chrisner

Pace Profile #:

ITEM #	Section D Required Client Information	Section C COLLECTED	Section B # OF CONTAINERS	Section A Preservatives	Pace Project Number	Pace Lab ID
1	System Effluent Grab 0920	WT G	11	Unpreserved	001	
2	Trip Blank	WT Lab	2	H ₂ SO ₄	002	
3	---END OF RECORD---			HNO ₃		
4				HCl		
5				NaOH		
6				Na ₂ SO ₃		
7				Methanol		
8				Other		
9						
10						
11						

Additional Comments:

SAMPLES WILL ARRIVE IN # COOLERS.

Please send reports to: dshay@gesonline.com, theaumont@gesonline.com

NERegion@gesonline.com, ges@equisonline.com

SPECIFIC EDD NAME:

86

86 Gloversville-labnumber.28351.EQDD.zip

of 30

RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION DATE TIME SAMPLE CONDITIONS

Temp in °C Received on Ice Custody Sealed Cooler Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT NAME OF SAMPLER DATE SIGNED

SIGNATURE OF SAMPLER

Pittsburgh Lab Sample Condition Upon Receipt

Client Name: GESProject # # 30384158Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____Tracking #: 9099 9900 9433Label 03MLIMS Login 03MCustody Seal on Cooler/Box Present: ☒ yes ☐ no Seals Intact: ☒ yes ☐ noThermometer Used 9 Type of Ice: ☒ Wet ☐ Blue ☐ NoneCooler Temperature Observed Temp 4.3 °C Correction Factor: -1.1 °C Final Temp: 4.2 °C

Temp should be above freezing to 6°C

Comments:	pH paper Lot#			Date and Initials of person examining contents: <u>Rpm 9/24/20</u>
	Yes	No	N/A	
Chain of Custody Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4.
Sample Labels match COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5.
-Includes date/time/ID Matrix: <u>WT</u>				
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.
Short Hold Time Analysis (<72hr remaining):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7.
Rush Turn Around Time Requested:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8.
Sufficient Volume:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9.
Correct Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10.
-Pace Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Containers Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11.
Orthophosphate field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12.
Hex Cr Aqueous sample field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13.
Organic Samples checked for dechlorination:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14.
Filtered volume received for Dissolved tests	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	15.
All containers have been checked for preservation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16.
exceptions: <u>VOA</u> coliform, TOC, <u>O&G</u> Phenolics, Radon, Non-aqueous matrix				
All containers meet method preservation requirements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed <u>Rpm</u> Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Rpm 9/24/20</u>
Trip Blank Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Rad Samples Screened < 0.5 mrem/hr	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Initial when completed: Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

☐ A check in this box indicates that additional information has been stored in ereports.

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

*PM review is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

September 30, 2020

Ms. Rachel Christner
Pace Analytical Services, Inc.
1638 Roseytown Road
Flex Building 2, Suites 2,3&4
Greensburg, PA 15601

Certificate of Analysis

Project Name:	Rush Rachel plus NJ Reduced plus EDD	Workorder:	3131079
Purchase Order:	ASR 30371525	Workorder ID:	PNW163 30371525

Dear Ms. Christner:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, September 29, 2020.

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 Ms. Sarah S 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 Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Emailed Reports

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



Ms. Sarah S Leung
Project Coordinator

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SAMPLE SUMMARY

Workorder: 3131079 PNW163|30371525

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3131079001	30371525 001	Ground Water	9/23/2020 13:15	9/29/2020 09:08	Collected by Client

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).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- 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 performed 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.

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)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
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

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**ANALYTICAL RESULTS**

Workorder: 3131079 PNW163|30371525

Lab ID: **3131079001**
Sample ID: **30371525 001**Date Collected: 9/23/2020 13:15 Matrix: Ground Water
Date Received: 9/29/2020 09:08

Parameters	Results	Flag	Units	RDL	MDL	Method	Prepared By	Analyzed	By	Cntr
------------	---------	------	-------	-----	-----	--------	-------------	----------	----	------

WET CHEMISTRY

Phenolics	0.004J	J	mg/L	0.005	0.002	EPA 420.4	9/29/20 22:00 VXF	9/30/20 04:14	C_D	A
-----------	--------	---	------	-------	-------	-----------	-------------------	---------------	-----	---

Ms. Sarah S Leung
Project Coordinator**ALS Environmental Laboratory Locations Across North America**Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3131079 PNW163|30371525

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3131079001	30371525 001	EPA 420.4	420.4/9066	

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QUALITY CONTROL DATA

Workorder: 3131079 PNW163|30371525

QC Batch: WCPR/52529 **Analysis Method:** EPA 420.4
QC Batch Method: 420.4/9066
Associated Lab Samples: 3131079001

MATRIX SPIKE: 3207474 DUPLICATE: 3207475 ORIGINAL: 3131059001

****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.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Phenolics	-0.00058	mg/L	.1	.09834	.10189	98.9	102	90 - 110	3.55	10

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QUALITY CONTROL DATA

Workorder: 3131079 PNW163|30371525

QC Batch: WETC/244764 **Analysis Method:** EPA 420.4

QC Batch Method: EPA 420.4

Associated Lab Samples:

METHOD BLANK: 3207373

Parameter	Blank Result	Units	Reporting Limit
Phenolics	0.001	mg/L	

METHOD BLANK: 3207375

Parameter	Blank Result	Units	Reporting Limit
Phenolics	0.00004	mg/L	

METHOD BLANK: 3207377

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.0008	mg/L	

METHOD BLANK: 3207379

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.0007	mg/L	

METHOD BLANK: 3207383

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.002	mg/L	

METHOD BLANK: 3207389

Parameter	Blank Result	Units	Reporting Limit

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**QUALITY CONTROL DATA**

Workorder: 3131079 PNW163|30371525

Phenolics	-0.003	mg/L
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METHOD BLANK: 3207391

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.002	mg/L	

METHOD BLANK: 3207393

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.002	mg/L	

METHOD BLANK: 3207552

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.002	mg/L	

METHOD BLANK: 3207554

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.003	mg/L	

METHOD BLANK: 3207556

Parameter	Blank Result	Units	Reporting Limit
Phenolics	-0.0003	mg/L	

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**Workorder: 3131079 PNW163|30371525

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
3131079001	30371525 001	420.4/9066	WCPR/52529	EPA 420.4	WETC/244764

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Chain of Custody



Sub: 3131079 *

Sample Condition upon Receipt:

(Please record the following information)

Temp in C	
Received on Ice	Yes No
Sealed Cooler	Yes No
Samples Intact	Yes No



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

Request Date: 7/9/20 Analysis Due Date: 7/22/2020
Shipped By: FedEx

Certification Required: NY

Pace Project No.: 30371525
Report/Invoice to: Rachel Christner

Page 1 of 1

Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Preservative Type:
1 30371525 001	WT	9/23/20	13:15	Phenolics	420.4	H2SO4
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Special Requirements:

****Please supply a method blank and LCS QC information on the final report****
Level IV package required

20 254

Subcontract Lab:
Address:

Analytical Laboratory Services, Inc.
301 Fulling Mill Rd.
Middletown, PA 17057
717-944-5541

Analysis Authorized By:

Rachel Christner
Pace Agent Name

Acceptance of Terms By:

Subcontract Lab Agent

Title

Manager
Title

Relinquished By:

Ben Munton 9-28-20/1000
(Signature & Affiliation) (Date) (Time)

Relinquished By:

Fedex 9/29/20 0908
(Signature & Affiliation) (Date) (Time)

Received By:

Fedex
(Signature & Affiliation)

Received By:

SEC 9/29/20 0908
(Signature & Affiliation) (Date) (Time)

Comments:

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

C:\Users\kismetankal\Desktop\SUBCON\30384158 asr als mid GES Syr

Analytical Services Request Purchase Order



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

3131079

Subcontractor Project No.:
P.O. No: ASR- 30371525

Request Date: 7/9/20 Analysis Due Date: 7/22/20
Shipped By: FedEx

Certification Required: NY

Pace Project No.: 30371525
Report/Invoice to: Rachel Christner

Email to PGHSubcon@pacelabs.com

Page 1 of 1

Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Preservative Type:	Price
1 30371525 001	WT	9/23/2020	13:15	Phenolics	420.4	H2SO4	\$ 35.00
2							\$ -
3							\$ -
4							\$ -
5							\$ -
6							\$ -
7							\$ -
8							\$ -
9							\$ -
10							\$ -
11							\$ -
12							\$ -

Special Requirements:

****Please supply a method blank and LCS QC information on the final report****
Level IV package required

Subcontract Lab: Analytical Laboratory Services, Inc.
Address: 301 Fulling Mill Rd.
Middletown, PA 17057
Contact: Sample Receiving
Phone: 717-944-5541
Proposal No.:

Unit Price Total: \$ 35.00
Analytical Subtotal: \$ 35.00
Subtotal this Page: \$ 35.00
Total: \$ 35.00

Instructions:

Please fill in your Project Number on both the Purchase Order and the Chain of Custody, sign Acceptance of Terms, and complete the Chain of Custody information. Please return one copy of the Chain of Custody to Pace Analytical Services, Inc. with the Final Report. Thank you. Email to PGHSubcon@pacelabs.com

PLEASE REFERENCE THE ABOVE P.O. NUMBER ON ALL CORRESPONDENCE



301 Fulling Mill Road
Middletown, PA 17057

P: (717) 944-5541

F: (717) 944-1430

Condition of Sample Receipt Form

Client: Pace Analytical Work Order #: 3131079 Initials: SEC Date: 9/29/20

1. Were airbills / tracking numbers present and recorded?..... NONE ☒ YES ☐ NO
Tracking number: 9242 2956 4722
2. Are Custody Seals on shipping containers intact?..... ☒ NONE ☐ YES ☐ NO
3. Are Custody Seals on sample containers intact?..... ☒ NONE ☐ YES ☐ NO
4. Is there a COC (Chain-of-Custody) present?..... ☒ YES ☐ NO
5. Are the COC and bottle labels complete, legible and in agreement?..... ☐ YES ☒ NO
- 5a. Does the COC contain sample locations?..... ☒ YES ☐ NO
- 5b. Does the COC contain date and time of sample collection for all samples?..... ☒ YES ☐ NO
- 5c. Does the COC contain sample collectors name?..... ☐ YES ☒ NO
- 5d. Does the COC note the type(s) of preservation for all bottles?..... ☒ YES ☐ NO
- 5e. Does the COC note the number of bottles submitted for each sample?..... ☒ YES ☐ NO
- 5f. Does the COC note the type of sample, composite or grab?..... ☐ YES ☒ NO
- 5g. Does the COC note the matrix of the sample(s)?..... ☒ YES ☐ NO
6. Are all aqueous samples requiring preservation preserved correctly?..... N/A ☒ YES ☐ NO
7. Were all samples placed in the proper containers for the requested analyses, with sufficient volume?..... ☒ YES ☐ NO
8. Are all samples within holding times for the requested analyses?..... ☒ YES ☐ NO
9. Were all sample containers received intact and headspace free when required? (not broken, leaking, frozen, etc.)..... ☒ YES ☐ NO
10. Did we receive trip blanks (applies only for methods EPA 504, EPA 524.2 and 1631E (LL Hg)?..... ☒ N/A ☐ YES ☐ NO
11. Were the samples received on ice?..... ☒ YES ☐ NO
12. Were sample temperatures measured at 0.0-6.0°C..... ☒ YES ☐ NO
13. Are the samples DW matrix ? If YES, fill out Reportable Drinking Water questions below..... ☐ YES ☒ NO
- 13a. Are the samples required for SDWA compliance reporting?..... ☒ N/A ☐ YES ☐ NO
- 13b. Did the client provide a SDWA PWS ID#?..... ☒ N/A ☐ YES ☐ NO
- 13c. Are all aqueous unpreserved SDWA samples pH 5-9?..... ☒ N/A ☐ YES ☐ NO
- 13d. Did the client provide the SDWA sample location ID/Description?..... ☒ N/A ☐ YES ☐ NO
- 13e. Did the client provide the SDWA sample type (D, E, R, C, P, S)?..... ☒ N/A ☐ YES ☐ NO

Cooler #: _____

Temperature (°C): 2° _____

Thermometer ID: 294 _____

Radiological (µCi): _____

COMMENTS (Required for all NO responses above and any sample non-conformance):

¹Final determination of correct preservation for analysis such as volatiles, microbiology, and oil and grease is made in the analytical department at the time of or following the analysis



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	
2020		Days	Minutes	Average	Average	Total	Average	Average	Total	Average	Average	Total	Average	Total	Average	Average	Average	Average	Average	PH	Average	Average	Average	Gallons		
		364	524790	77.15	25.62	13072882	26.08	3.87	1972900	103.23	29.49	70.00	16224535	70.00	26.81	23.34	18.20	9.05	4.00	7.5	58.8	66.29	14880135	17679		
	January	30	43395	77.63	28.09	893898	28.53	4.57	145084	106.15	32.66	70.00	1116940	70.00	28.25	25.25	19.00	10.00	4.00	7.6	51.7	65.98	1030072	1563	January Mag Meter Totalizers are less due to PLC Upgrade	
	February	27	38595	78.05	27.61	1066970	28.73	4.24	163917	106.78	31.84	70.00	1326403	70.00	26.50	24.50	19.00	9.50	4.00	7.6	50.8	66.15	1217031	1413		
	March	34	48990	77.00	29.25	1432809	28.28	5.19	254418	105.28	34.44	70.00	1821975	70.00	25.80	21.80	16.80	8.60	4.00	7.8	50.3	66.24	1666446	1937		
	April	30	43260	76.75	29.35	1270186	27.35	5.02	216957	104.10	34.37	70.00	1607117	70.00	26.75	22.75	18.25	9.00	4.00	7.6	54.6	66.30	1472999	1713		
	May	27	39015	77.08	28.76	1122110	26.78	4.29	167187	103.85	33.05	70.00	1387202	70.00	24.75	22.25	17.25	8.25	4.00	7.6	58.4	66.50	1273316	1482		
	June	33	48495	77.44	26.40	1276031	26.78	3.75	180936	104.22	30.15	70.00	1567290	70.00	27.40	22.40	17.00	8.00	4.00	7.5	68.0	66.18	1437610	1673		
	July	29	41550	77.70	26.44	1098109	26.55	3.79	157202	104.25	30.22	70.00	1353288	70.00	27.75	22.75	17.00	8.00	4.00	7.5	67.7	66.40	1244756	1447		
	August	28	40350	77.23	25.19	1018023	25.33	3.42	138404	102.55	28.61	70.00	1247296	70.00	27.75	22.75	17.50	8.75	4.00	7.5	66.8	66.33	1143920	1332		
	September	35	50295	77.48	23.34	1175584	25.23	2.99	150728	102.71	26.33	70.00	1430929	70.00	26.60	23.40	18.60	9.00	4.00	7.4	64.2	66.40	1312513	1527		
	October	28	40185	76.83	22.92	922402	25.15	3.18	128012	101.98	26.09	70.00	1133893	70.00	26.50	24.00	19.00	9.75	4.00	7.5	60.0	66.28	1038722	1210		
	November	29	41835	76.60	22.58	942794	23.80	3.35	139433	100.40	25.93	70.00	1165175	70.00	27.50	24.00	19.25	9.75	4.00	7.5	57.8	66.33	1070766	1248		
	December	34	48825	76.06	17.49	853966	20.48	2.68	130622	96.54	20.17	70.00	1067027	70.00	26.20	24.20	19.80	10.00	4.00	7.4	55.0	66.44	971984	1134		