

August 17, 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 January 1 to June 30, 2021.

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 2021. 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

2021 Semi-Annual OM&M Report



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

August 2021

Version 1





2021 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:
August 17, 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

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1 Introduction

This Semi-Annual Operation, Maintenance, and Monitoring (OM&M) Report for the National Grid Hill Street Site in Gloversville, NY (the Site), and presents the results of the activities conducted between January and June 2021. This report has been prepared in accordance with the *Operation, Maintenance, and Monitoring Manual* for the Storm Water Interim Remedial Measure, which was approved by the NYSDEC on April 21, 2011. A site location map and site map are presented as **Figure 1** and **Figure 2**, respectively.

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

2 Groundwater Treatment System History and Description

2.1 Groundwater Treatment System History

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

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

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

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

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

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

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

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

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

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

2.2 Groundwater Treatment System Components

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

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

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

3 OM&M

3.1 Summary of Routine and Non-Routine Activities

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

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

- Weekly documentation of system flows, pressures, media utilization;
- Coordination with National Grid facility personnel regarding regular chemical/material deliveries;
- 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;
- Semi-annual generator service;
- Annual media change out;
- Annual manhole, treatment system, and OWS cleaning; and,
- Annual stormwater conveyance system cleaning.

3.2 Analytical Results

On March 17, 2021, GES conducted the semi-annual effluent water discharge monitoring event. The effluent water sample was submitted to Pace Analytical Services, LLC (Pace) for analysis. Pace delivered the analytical reports on March 31 and April 10, 2021. The analytical results indicated no exceedances of the Gloversville-Johnstown Wastewater Treatment Facility Discharge Permit #133 limits. Summary tables of the analytical results are presented as **Table 1** and **Table 2**. The analytical results are presented in **Appendix C**. There are currently no discharge submittals required for this site by the NYSDEC Division of Water, as the system discharge is permitted through the GJJWTF and their associated permits.

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

3.3 Operational Data

For the period January 2021 through June 2021, the water treatment system treated and discharged approximately 7,362,000 gallons of water to the POTW sewer at an average flow of 24.45 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 233 million gallons have been successfully treated and discharged without a permit exceedance.

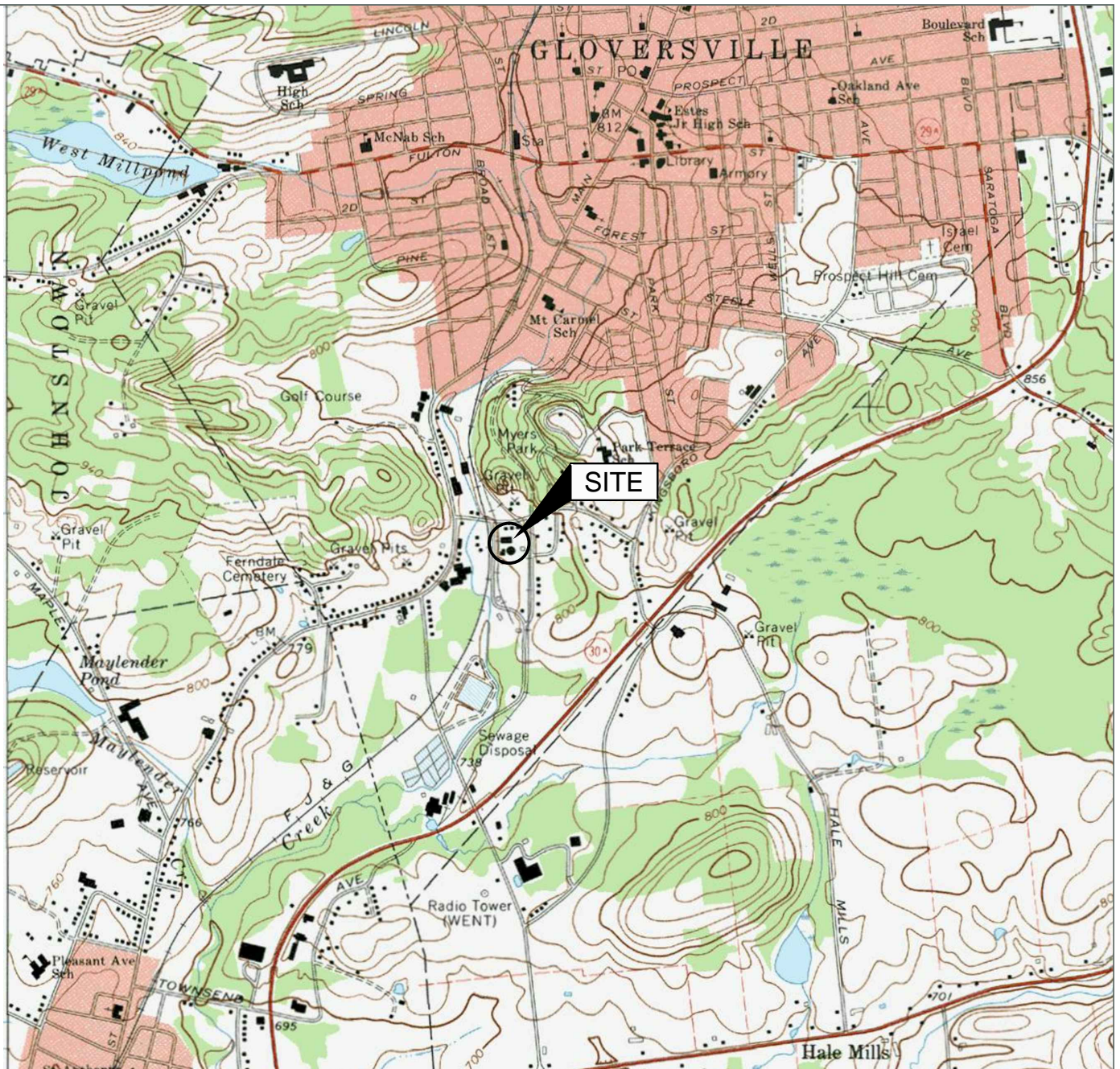
4 Future Activities

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

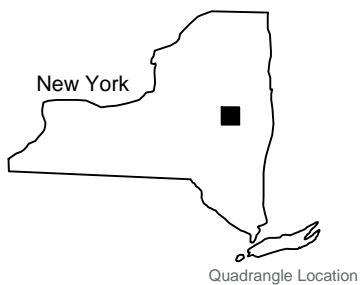
- Conduct monthly site-wide inspections and weekly water treatment system inspections. Document the inspections.
- Operate the water treatment system in continuous batch mode. During normal operations, it is anticipated that 1 (one) on-site day per week will be required (to conduct OM&M activities such 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.
- Conduct semi-annual operational sampling/analysis to evaluate treatment effectiveness.
- Conduct the semi-annual treated water discharge sampling event in September 2021.
- Rebuild the top of catch basin #7 by the end of 2021.
- Prepare a semi-annual OM&M report for July 1, 2021, through December 31, 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

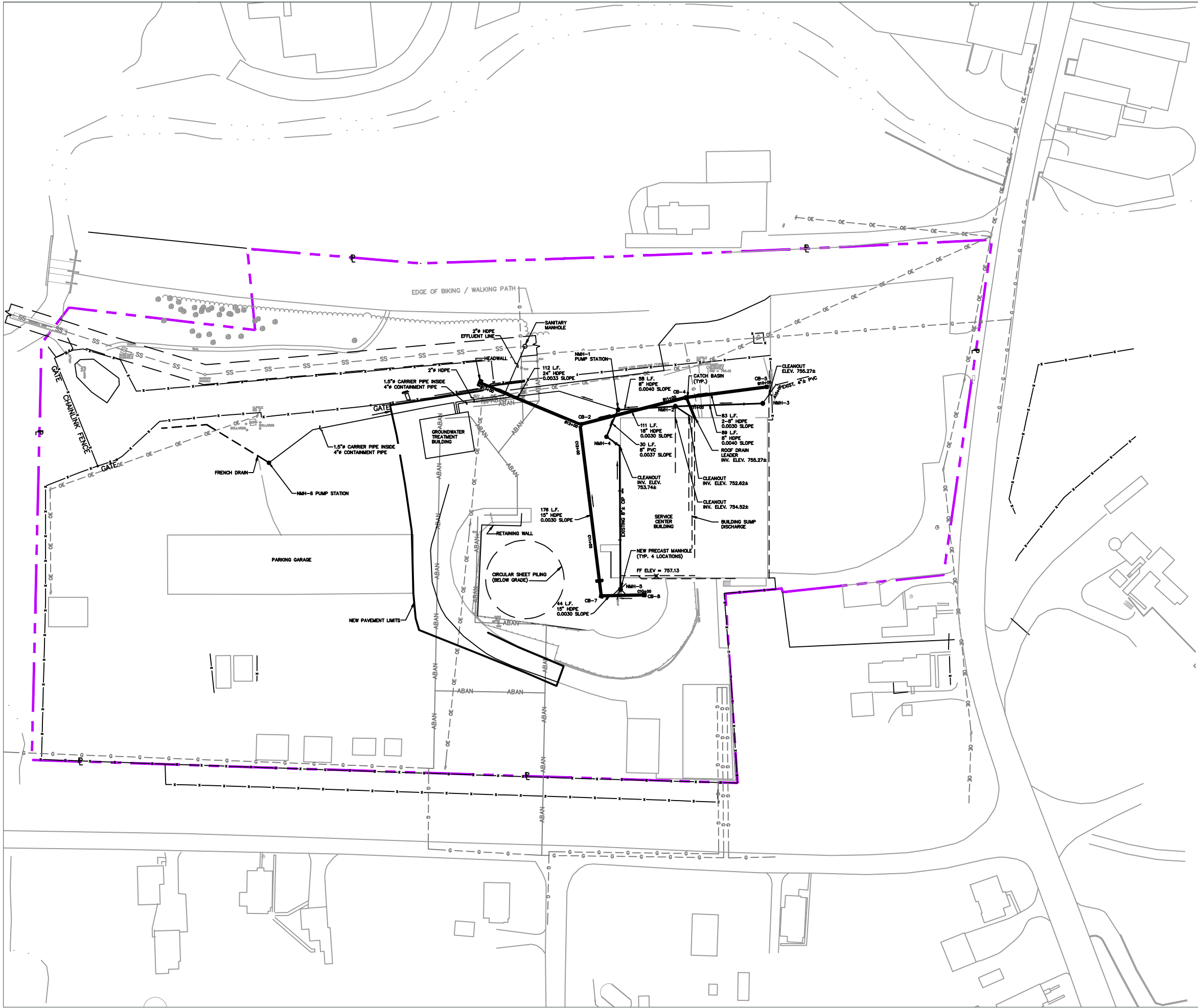


Scale In Feet



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

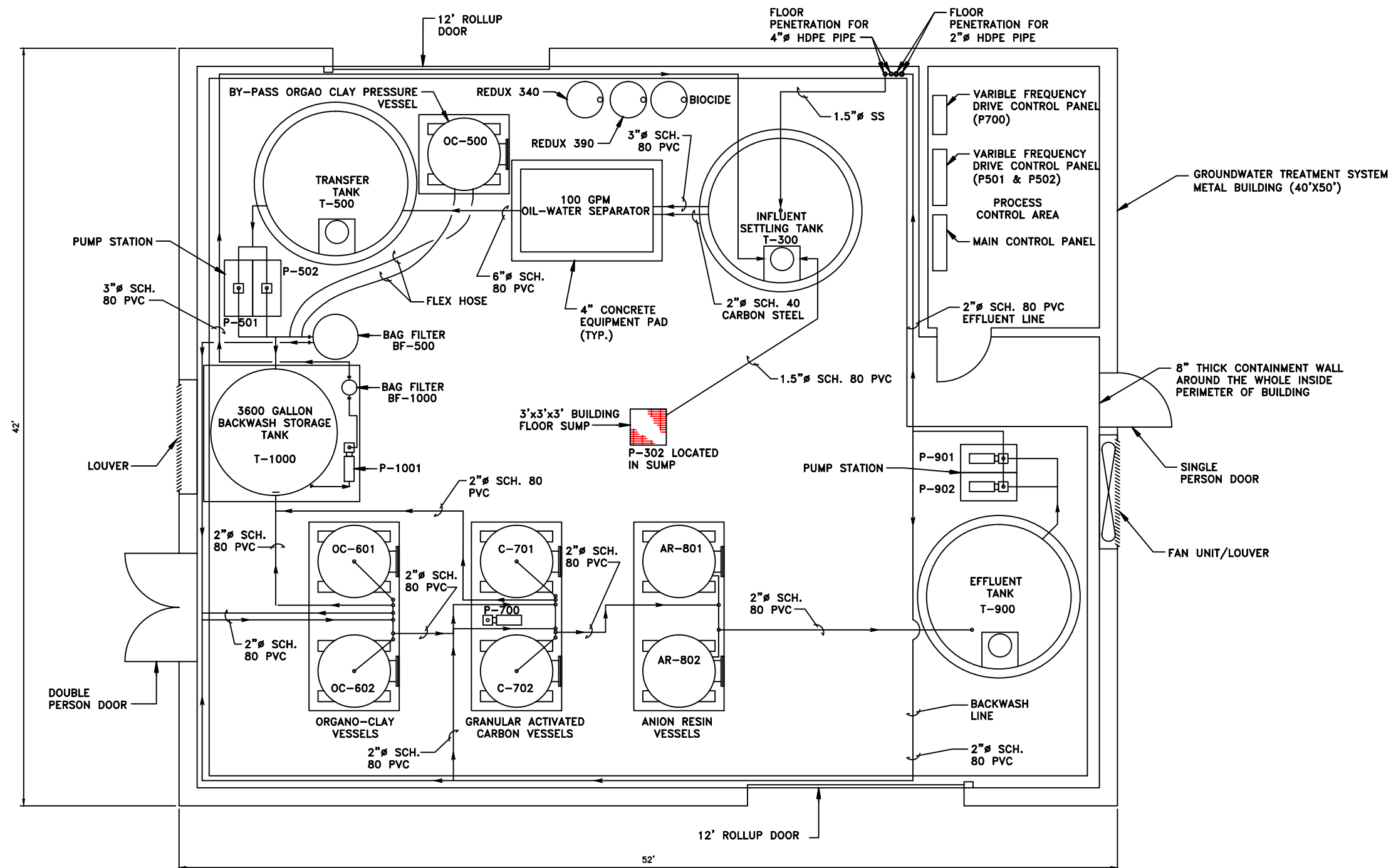
Drawn
W.G.S.
Designed
Approved


Scale In Feet



Groundwater & Environmental Services, Inc.

Date
1-22-18
Figure
2



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

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

Groundwater Treatment System Layout

National Grid
20 Hill Street
Gloversville, New York

Drawn
W.G.S.
Designed

Approved

Date
1-22-18
Figure

3

Not to Scale



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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	03/17/21
Antimony	1.50	Semi-Annual	ND (<0.0060)
Arsenic	0.10	Semi-Annual	0.0056
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 (<0.00098)
Aldrin	0.00005	Semi-Annual	ND (<0.000025)
BHC, Isomers (sum)	0.0002	Semi-Annual	ND (<0.000025)
Total Chlorinated Phenols	0.01	Semi-Annual	ND (<0.00098)
Pentachlorophenol	0.01	Semi-Annual	ND (<0.0025)

mg/L = milligrams per Liter



Table 2

Effluent Permit and Analytical Data
Grab Sample

Parameter	Peak Instantaneous Concentrations (mg/L)	Frequency Requirements	03/17/21
Benzene	0.014	Semi-Annual	ND (<0.0010)
Chloroform	0.41	Semi-Annual	ND (<0.0010)
Cyanide, Total	0.10	Semi-Annual	ND (<0.010)
Ethylbenzene	1.00	Semi-Annual	ND (<0.0010)
1,1,2,2-Tetrachloroethane	0.04	Semi-Annual	ND (<0.0010)
Tetrachloroethylene	0.01	Semi-Annual	ND (<0.0010)
Toluene	1.38	Semi-Annual	ND (<0.0010)
Phenols (4AAP)	1.37	Semi-Annual	ND (<0.005)
Oil & Grease	150	Semi-Annual	ND (<4.8)
Temperature, °F	150	Semi-Annual	NM
pH, SU	6-10	Semi-Annual	7.2

SU = Standard Units
°F = Degrees Fahrenheit
mg/L = milligrams per Liter
NM = Not Measured



Appendix A – Monthly Inspection Forms

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

Date: 01/05/2021

Time: 930

Technician: KL

Weather: cloudy 32

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020
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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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: 02/02/2021

Time: 930

Technician: KL

Weather: Snow 28

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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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: 03/02/2021

Time: 900

Technician: KL

Weather: Sunny 9

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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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: 04/06/2021

Time: 0830

Technician: KL

Weather: Sunny 40

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020
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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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: 5/3/2021

Time: 1500

Technician: TB

Weather: Cloudy 72

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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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: 6/02/2021

Time: 1145

Technician: KL

Weather: sunny 70

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired 6/4/2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired 7/21/2020
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. starting to peel at top
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	Epoxy
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 May 24, 2021



Appendix B – Weekly Inspection Forms

Date: 6/29/2021

Time: 630

National Grid
Gloversville, New York

Technician: TB

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	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	3			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 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: 6/22/2021

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 70

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 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: 6/15/2021

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 70

Time 11454

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 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: 6/07/2021

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 90

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 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: 6/02/2021

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 70

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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?	30		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/24/2021

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 70

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	1			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	4			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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?	38		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 Sun	
Pump P-1001 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	90	All New 6/8/2018-Tee repair 11/6/2018	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New Unit 6/8/2018	
Pump P-102 operating?	Yes	No	New Unit 9/18/2018	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/18/2021 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/18/2021

National Grid
Gloversville, New York

Technician: KL

Time: 830

Weather: cloudy 61

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	5			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	2			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	5			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/18/2021 Sun	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/18/2021 Sun	
Change LNAPL boom from inside influent tank?	Yes	No		
OWS in good condition and free of leaks?	Yes	No		
OWS hopper sediment?	Yes	No	Cleaned 5/18/2021 Sun	
OWS media in good condition?	Yes	No	New Media 5/18/2021	
Clean OWS media?	Yes	No	New Media 5/18/2021	
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?	16		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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 5/18/2021 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 5/18/2021 Sun	
NMH-6 pump panel operating and in good condition?	Yes	No		
NMH-6 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-6?	Yes	No		
Pump P-201 operating?	Yes	No	New unit 5/22/2019	
Pump P-202 operating?	Yes	No	New unit 5/22/2019	

Date: 5/10/2021

National Grid
Gloversville, New York

Technician: TB

Time: 1230

Weather: Rain 53

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	6			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	2			
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	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?	24		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 5/3/2021

National Grid
Gloversville, New York

Technician: TB

Time: 1500

Weather: Cloudy 72

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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	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?	32		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 04/27/2021

National Grid
Gloversville, New YorkTechnician: TB
Weather: Cloudy 62

Time: 1300

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	6			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	2			
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	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?	40		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 04/19/2021

National Grid
Gloversville, New York

Technician: TB

Weather: Cloudy 63

Time: 1500

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	7			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	2			
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	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?	48		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 04/14/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1130

Weather: sunny 60

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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?	6			
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?	56		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 04/06/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0830

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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?	6			
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?	66		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 03/31/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1200

Weather: cloudy 58

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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?	6			
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?	74		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 03/23/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1015

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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?	6			
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?	82		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 03/16/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	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?	2			
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?	6			
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?	90		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021. New drain plug.
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021. New drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 03/09/2021

Time: 0900

National Grid
Gloversville, New York

Technician: KL

Weather: sunny 40

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	1			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	0			
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?	98		Order more when level reaches 30	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/09/2021, install new drain plug
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/10/2021, install new drain plug
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/09/2021
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: 03/02/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: sunny 9

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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	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?	106		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: 02/23/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: sunny 9

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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	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?	114		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: 02/17/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: sunny 9

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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	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?	122		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: 02/09/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0900

Weather: snow 28

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	3			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 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?	130		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: 02/02/2021

National Grid
Gloversville, New York

Technician: KL

Time: 0930

Weather: snow 28

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	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?	138		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: 01/26/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: cloudy30

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	4			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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?	146		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: 01/19/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1000

Weather: cloudy30

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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	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?	154		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: 01/13/2021

National Grid
Gloversville, New York

Technician: KL

Time: 1200

Weather: cloudy32

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	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	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?	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	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: 01/05/2021

National Grid
Gloversville, New York

Technician: KL

Time: 930

Weather: cloudy32

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No	Annual Inspections in December	
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
Number of extra Biocide drums? Redux 620	2			
Redux 340 pump operating and in good condition?	Yes	No		
Clean Redux 340 pump?	Yes	No	Installed new head 7/30/2012 rebuilt unit 9/1/2012.	
Number of extra Redux 340 drums?	0			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
Number of extra Redux 390 drums?	2			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 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?	168		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	



Appendix C – Treated Effluent Water Analytical Data

March 31, 2021

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

RE: Project: National Grid - Gloversville
Pace Project No.: 30410988

Dear Devin Shay:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2021. 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.
Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville

Pace Project No.: 30410988

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.: 30410988

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30410988001	System Effluent Composite 0321	Water	03/17/21 11:30	03/18/21 09:45

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30410988

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30410988001	System Effluent Composite 0321	EPA 608.3 Dec 2016	TAW	7	PASI-PA
		EPA 200.7 Rev. 4.4, 1994	CTS	11	PASI-PA
		EPA 245.1 Rev. 3.0, 1994	CTS	1	PASI-PA
		EPA 625.1 Dec 2016	EAC	12	PASI-PA
		SM 3500-CrB-2011	EKM	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.: 30410988

Method: EPA 608.3 Dec 2016

Description: 608.3 Pesticides Reduced Vol.

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

Date: March 31, 2021

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.

QC Batch: 439700

A matrix spike/matrix spike duplicate was not performed due to insufficient sample volume.

Additional Comments:

Analyte Comments:

QC Batch: 439700

1c: A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

- System Effluent Composite 0321 (Lab ID: 30410988001)
 - Aldrin
 - alpha-BHC
 - beta-BHC
 - delta-BHC
 - gamma-BHC (Lindane)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30410988

Method: EPA 200.7 Rev. 4.4, 1994

Description: 200.7 Metals, Total

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

Date: March 31, 2021

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.: 30410988

Method: EPA 245.1 Rev. 3.0, 1994

Description: 245.1 Mercury

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

Date: March 31, 2021

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: 439534

3c: The PDS recovery was outside of the laboratory control limits. Result may be biased high.

- System Effluent Composite 0321 (Lab ID: 30410988001)
 - Mercury

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30410988

Method: EPA 625.1 Dec 2016

Description: 625.1 Reduced Volume

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

Date: March 31, 2021

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.: 30410988

Method: SM 3500-CrB-2011

Description: Chromium, Hexavalent

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

Date: March 31, 2021

General Information:

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

Hold Time:

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

Method Blank:

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

Laboratory Control Spike:

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

Matrix Spikes:

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

Additional Comments:

Batch Comments:

Due to limited sample volume, for MS/MSD LCSD was analyzed.

- QC Batch: 439291

Analyte Comments:

QC Batch: 439291

2c: Due to limited sample volume, for MS/MSD LCSD was analyzed.

- BLANK (Lab ID: 2120852)
 - Chromium, Hexavalent
- LCS (Lab ID: 2120853)
 - Chromium, Hexavalent
- LCSD (Lab ID: 2120854)
 - Chromium, Hexavalent
- System Effluent Composite 0321 (Lab ID: 30410988001)
 - 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.: 30410988

Sample: System Effluent **Lab ID:** 30410988001 **Collected:** 03/17/21 11:30 **Received:** 03/18/21 09:45 **Matrix:** Water
Composite 0321

Comments: • Hexavalent Chromium was not field filtered.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
608.3 Pesticides Reduced Vol.									
Analytical Method: EPA 608.3 Dec 2016 Preparation Method: EPA 608.3 Dec 2016									
Pace Analytical Services - Greensburg									
Aldrin	ND	ug/L	0.025	0.0077	1	03/22/21 12:57	03/31/21 11:16	309-00-2	1c
alpha-BHC	ND	ug/L	0.025	0.0085	1	03/22/21 12:57	03/31/21 11:16	319-84-6	1c
beta-BHC	ND	ug/L	0.025	0.015	1	03/22/21 12:57	03/31/21 11:16	319-85-7	1c
delta-BHC	ND	ug/L	0.025	0.018	1	03/22/21 12:57	03/31/21 11:16	319-86-8	1c
gamma-BHC (Lindane)	ND	ug/L	0.025	0.013	1	03/22/21 12:57	03/31/21 11:16	58-89-9	1c
Surrogates									
Tetrachloro-m-xylene (S)	60	%.	21-100		1	03/22/21 12:57	03/31/21 11:16	877-09-8	
Decachlorobiphenyl (S)	69	%.	10-113		1	03/22/21 12:57	03/31/21 11:16	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	03/19/21 10:16	03/24/21 07:19	7440-36-0	
Arsenic	0.0056	mg/L	0.0050	0.0045	1	03/19/21 10:16	03/24/21 07:19	7440-38-2	
Cadmium	ND	mg/L	0.0030	0.00034	1	03/19/21 10:16	03/24/21 07:19	7440-43-9	
Chromium	ND	mg/L	0.0050	0.00052	1	03/19/21 10:16	03/24/21 07:19	7440-47-3	
Copper	ND	mg/L	0.0050	0.0018	1	03/19/21 10:16	03/24/21 07:19	7440-50-8	
Lead	ND	mg/L	0.0050	0.0024	1	03/19/21 10:16	03/24/21 07:19	7439-92-1	
Nickel	ND	mg/L	0.010	0.0015	1	03/19/21 10:16	03/24/21 07:19	7440-02-0	
Selenium	ND	mg/L	0.0080	0.0038	1	03/19/21 10:16	03/24/21 07:19	7782-49-2	
Silver	ND	mg/L	0.0060	0.0011	1	03/19/21 10:16	03/24/21 07:19	7440-22-4	
Thallium	ND	mg/L	0.010	0.0033	1	03/19/21 10:16	03/24/21 07:19	7440-28-0	
Zinc	ND	mg/L	0.010	0.0042	1	03/19/21 10:16	03/24/21 07:19	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	03/19/21 11:12	03/22/21 11:31	7439-97-6	3c
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	0.98	0.58	1	03/22/21 08:56	03/22/21 18:00	88-06-2	
2,4-Dichlorophenol	ND	ug/L	0.98	0.60	1	03/22/21 08:56	03/22/21 18:00	120-83-2	
2-Chlorophenol	ND	ug/L	0.98	0.57	1	03/22/21 08:56	03/22/21 18:00	95-57-8	
4-Chloro-3-methylphenol	ND	ug/L	0.98	0.62	1	03/22/21 08:56	03/22/21 18:00	59-50-7	
Naphthalene	ND	ug/L	0.98	0.65	1	03/22/21 08:56	03/22/21 18:00	91-20-3	
Pentachlorophenol	ND	ug/L	2.5	1.5	1	03/22/21 08:56	03/22/21 18:00	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	81	%.	15-104		1	03/22/21 08:56	03/22/21 18:00	4165-60-0	
2-Fluorobiphenyl (S)	69	%.	14-113		1	03/22/21 08:56	03/22/21 18:00	321-60-8	
Terphenyl-d14 (S)	103	%.	26-159		1	03/22/21 08:56	03/22/21 18:00	1718-51-0	
Phenol-d6 (S)	28	%.	10-48		1	03/22/21 08:56	03/22/21 18:00	13127-88-3	
2-Fluorophenol (S)	43	%.	10-66		1	03/22/21 08:56	03/22/21 18:00	367-12-4	
2,4,6-Tribromophenol (S)	91	%.	24-131		1	03/22/21 08:56	03/22/21 18:00	118-79-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: National Grid - Gloversville

Pace Project No.: 30410988

Sample: System Effluent **Lab ID:** 30410988001 Collected: 03/17/21 11:30 Received: 03/18/21 09:45 Matrix: Water
Composite 0321

Comments: • Hexavalent Chromium was not field filtered.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Chromium, Hexavalent	Analytical Method: SM 3500-CrB-2011 Pace Analytical Services - Greensburg								
Chromium, Hexavalent	ND	mg/L	0.010	0.0054	1		03/18/21 11:01	18540-29-9	2c

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30410988

QC Batch:	439534	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: 30410988001

METHOD BLANK: 2122037 Matrix: Water
Associated Lab Samples: 30410988001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000030	03/22/21 10:50	

LABORATORY CONTROL SAMPLE: 2122038

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.001	0.00094	94	85-115	

MATRIX SPIKE SAMPLE: 2122040

Parameter	Units	30410909003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.0025	0.0026	102	70-130	

MATRIX SPIKE SAMPLE: 2122042

Parameter	Units	30411133003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	ND	0.0025	0.0027	107	70-130	

SAMPLE DUPLICATE: 2122039

Parameter	Units	30410909003 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/L	ND	ND		20	

SAMPLE DUPLICATE: 2122041

Parameter	Units	30411133003 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30410988

QC Batch:	439527	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: 30410988001

METHOD BLANK: 2122006 Matrix: Water
Associated Lab Samples: 30410988001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0060	0.0055	03/24/21 06:53	
Arsenic	mg/L	ND	0.0050	0.0045	03/24/21 06:53	
Cadmium	mg/L	ND	0.0030	0.00034	03/24/21 06:53	
Chromium	mg/L	ND	0.0050	0.00052	03/24/21 06:53	
Copper	mg/L	ND	0.0050	0.0018	03/24/21 06:53	
Lead	mg/L	ND	0.0050	0.0024	03/24/21 06:53	
Nickel	mg/L	ND	0.010	0.0015	03/24/21 06:53	
Selenium	mg/L	ND	0.0080	0.0038	03/24/21 06:53	
Silver	mg/L	ND	0.0060	0.0011	03/24/21 06:53	
Thallium	mg/L	ND	0.010	0.0033	03/24/21 06:53	
Zinc	mg/L	ND	0.010	0.0042	03/24/21 06:53	

LABORATORY CONTROL SAMPLE: 2122007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.5	0.52	104	85-115	
Arsenic	mg/L	0.5	0.49	98	85-115	
Cadmium	mg/L	0.5	0.52	103	85-115	
Chromium	mg/L	0.5	0.50	100	85-115	
Copper	mg/L	0.5	0.52	103	85-115	
Lead	mg/L	0.5	0.49	99	85-115	
Nickel	mg/L	0.5	0.52	105	85-115	
Selenium	mg/L	0.5	0.51	103	85-115	
Silver	mg/L	0.25	0.25	101	85-115	
Thallium	mg/L	0.5	0.50	99	85-115	
Zinc	mg/L	0.5	0.51	101	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2122009 2122010

Parameter	Units	30410733001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.5	0.5	0.54	0.54	107	107	70-130	0	20	
Arsenic	mg/L	ND	0.5	0.5	0.52	0.52	103	104	70-130	1	20	
Cadmium	mg/L	ND	0.5	0.5	0.53	0.53	106	106	70-130	0	20	
Chromium	mg/L	ND	0.5	0.5	0.51	0.50	102	100	70-130	2	20	
Copper	mg/L	0.010	0.5	0.5	0.55	0.53	107	104	70-130	3	20	
Lead	mg/L	ND	0.5	0.5	0.52	0.51	103	101	70-130	2	20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30410988

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2122009 2122010											
Parameter	Units	30410733001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD
Nickel	mg/L	0.032	0.5	0.5	0.55	0.55	104	104	70-130	0	20
Selenium	mg/L	ND	0.5	0.5	0.53	0.53	106	106	70-130	1	20
Silver	mg/L	ND	0.25	0.25	0.26	0.26	104	103	70-130	1	20
Thallium	mg/L	ND	0.5	0.5	0.50	0.50	101	100	70-130	1	20
Zinc	mg/L	ND	0.5	0.5	0.51	0.51	102	101	70-130	1	20

MATRIX SPIKE SAMPLE: 2122012							
Parameter	Units	30410519002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	ND	0.5	0.52	104	70-130	
Arsenic	mg/L	ND	0.5	0.51	102	70-130	
Cadmium	mg/L	ND	0.5	0.52	103	70-130	
Chromium	mg/L	ND	0.5	0.50	99	70-130	
Copper	mg/L	5.1 ug/L	0.5	0.51	102	70-130	
Lead	mg/L	ND	0.5	0.50	100	70-130	
Nickel	mg/L	10.6 ug/L	0.5	0.52	102	70-130	
Selenium	mg/L	ND	0.5	0.51	102	70-130	
Silver	mg/L	ND	0.25	0.25	101	70-130	
Thallium	mg/L	ND	0.5	0.49	97	70-130	
Zinc	mg/L	78.1 ug/L	0.5	0.58	101	70-130	

SAMPLE DUPLICATE: 2122008						
Parameter	Units	30410733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	mg/L	ND	ND		20	
Arsenic	mg/L	ND	.0048J		20	
Cadmium	mg/L	ND	ND		20	
Chromium	mg/L	ND	.0014J		20	
Copper	mg/L	0.010	0.011	5	20	
Lead	mg/L	ND	ND		20	
Nickel	mg/L	0.032	0.032	2	20	
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	
Thallium	mg/L	ND	ND		20	
Zinc	mg/L	ND	0.018		20	

SAMPLE DUPLICATE: 2122011						
Parameter	Units	30410519002 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	mg/L	ND	ND		20	
Arsenic	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30410988

SAMPLE DUPLICATE: 2122011

Parameter	Units	30410519002 Result	Dup Result	RPD	Max RPD	Qualifiers
Cadmium	mg/L	ND	ND		20	
Chromium	mg/L	ND	ND		20	
Copper	mg/L	5.1 ug/L	0.0054	6	20	
Lead	mg/L	ND	ND		20	
Nickel	mg/L	10.6 ug/L	0.011	3	20	
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	
Thallium	mg/L	ND	ND		20	
Zinc	mg/L	78.1 ug/L	0.078	0	20	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30410988

QC Batch:	439700	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: 30410988001

METHOD BLANK: 2123213 Matrix: Water
Associated Lab Samples: 30410988001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aldrin	ug/L	ND	0.025	0.0078	03/31/21 10:30	
alpha-BHC	ug/L	ND	0.025	0.0086	03/31/21 10:30	
beta-BHC	ug/L	ND	0.025	0.015	03/31/21 10:30	
delta-BHC	ug/L	ND	0.025	0.018	03/31/21 10:30	
gamma-BHC (Lindane)	ug/L	ND	0.025	0.014	03/31/21 10:30	
Decachlorobiphenyl (S)	%	19	10-113		03/31/21 10:30	
Tetrachloro-m-xylene (S)	%	67	21-100		03/31/21 10:30	

LABORATORY CONTROL SAMPLE: 2123214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aldrin	ug/L	0.2	0.13	66	54-130	
alpha-BHC	ug/L	0.2	0.12	60	49-130	
beta-BHC	ug/L	0.2	0.13	67	39-130	
delta-BHC	ug/L	0.2	0.15	77	51-130	
gamma-BHC (Lindane)	ug/L	0.2	0.13	63	43-130	
Decachlorobiphenyl (S)	%			31	10-113	
Tetrachloro-m-xylene (S)	%			50	21-100	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30410988

QC Batch:	439694	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: 30410988001

METHOD BLANK: 2123194 Matrix: Water

Associated Lab Samples: 30410988001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
2,4,6-Trichlorophenol	ug/L	ND	1.0	0.59	03/22/21 15:17	
2,4-Dichlorophenol	ug/L	ND	1.0	0.61	03/22/21 15:17	
2-Chlorophenol	ug/L	ND	1.0	0.59	03/22/21 15:17	
4-Chloro-3-methylphenol	ug/L	ND	1.0	0.63	03/22/21 15:17	
Naphthalene	ug/L	ND	1.0	0.67	03/22/21 15:17	
Pentachlorophenol	ug/L	ND	2.5	1.5	03/22/21 15:17	
2,4,6-Tribromophenol (S)	%	82	24-131		03/22/21 15:17	
2-Fluorobiphenyl (S)	%	95	14-113		03/22/21 15:17	
2-Fluorophenol (S)	%	56	10-66		03/22/21 15:17	
Nitrobenzene-d5 (S)	%	90	15-104		03/22/21 15:17	
Phenol-d6 (S)	%	35	10-48		03/22/21 15:17	
Terphenyl-d14 (S)	%	117	26-159		03/22/21 15:17	

LABORATORY CONTROL SAMPLE: 2123195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	10	10.4	104	52-119	
2,4-Dichlorophenol	ug/L	10	9.5	95	53-122	
2-Chlorophenol	ug/L	10	8.6	86	36-120	
4-Chloro-3-methylphenol	ug/L	10	9.5	95	41-128	
Naphthalene	ug/L	10	8.9	89	36-120	
Pentachlorophenol	ug/L	10	12.2	122	38-152	
2,4,6-Tribromophenol (S)	%			99	24-131	
2-Fluorobiphenyl (S)	%			85	14-113	
2-Fluorophenol (S)	%			51	10-66	
Nitrobenzene-d5 (S)	%			94	15-104	
Phenol-d6 (S)	%			32	10-48	
Terphenyl-d14 (S)	%			101	26-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2123196 2123197

Parameter	Units	30410611004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,6-Trichlorophenol	ug/L	ND	9.8	9.9	7.4	8.0	76	81	37-114	7	58	
2,4-Dichlorophenol	ug/L	ND	9.8	9.9	6.8	7.3	70	74	39-135	7	50	
2-Chlorophenol	ug/L	ND	9.8	9.9	6.0	6.4	61	64	23-134	6	61	
4-Chloro-3-methylphenol	ug/L	ND	9.8	9.9	7.2	7.6	73	76	22-147	5	73	

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30410988

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2123196 2123197												
Parameter	Units	30410611004	MS	MSD	2123197		MS	MSD	% Rec	Max	Qual	
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result						
Naphthalene	ug/L	ND	9.8	9.9	6.3	6.7	64	67	21-133	6	65	
Pentachlorophenol	ug/L	ND	9.8	9.9	10.9	11.7	111	118	14-176	7	86	
2,4,6-Tribromophenol (S)	%						79	78	24-131			
2-Fluorobiphenyl (S)	%						58	62	14-113			
2-Fluorophenol (S)	%						35	37	10-66			
Nitrobenzene-d5 (S)	%						67	73	15-104			
Phenol-d6 (S)	%						22	24	10-48			
Terphenyl-d14 (S)	%						85	94	26-159			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30410988

QC Batch: 439291

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: 30410988001

METHOD BLANK: 2120852

Matrix: Water

Associated Lab Samples: 30410988001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chromium, Hexavalent	mg/L	ND	0.010	0.0054	03/18/21 10:59	2c

LABORATORY CONTROL SAMPLE & LCSD: 2120853

2120854

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chromium, Hexavalent	mg/L	0.25	0.25	0.25	100	100	85-115	0	20	2c

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: National Grid - Gloversville

Pace Project No.: 30410988

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: 439291

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

Batch: 439700

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

2c Due to limited sample volume, for MS/MSD LCSD was analyzed.

3c The PDS recovery was outside of the laboratory control limits. Result may be biased high.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: National Grid - Gloversville

Pace Project No.: 30410988

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30410988001	System Effluent Composite 0321	EPA 608.3 Dec 2016	439700	EPA 608.3 Dec 2016	439847
30410988001	System Effluent Composite 0321	EPA 200.7 Rev. 4.4, 1994	439527	EPA 200.7 Rev. 4.4, 1994	439639
30410988001	System Effluent Composite 0321	EPA 245.1 Rev. 3.0, 1994	439534	EPA 245.1 Rev. 3.0, 1994	439570
30410988001	System Effluent Composite 0321	EPA 625.1 Dec 2016	439694	EPA 625.1 Dec 2016	439777
30410988001	System Effluent Composite 0321	SM 3500-CrB-2011	439291		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

WO#: 30410988



30410988

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: GES - Syracuse		Report To: Devin Shay (GES) dshay@gesonline.com		Attention: Accounts Payable via email at ges-invoices@gesonline.com	
Address: 5 Technology Place, Suite 4 East Syracuse, New York 13057		Report To: Tim Beaumont (GES) tbeaumont@gesonline.com		Company Name: Groundwater & Environmental Services, Inc. Address: 5 Technology Place, Suite 4, East Syracuse, NY 13057	
Email To: dshay@gesonline.com		Purchase Order No.:		Pace Quote Reference:	
Phone: 800.220.3069 Fax: None x4051		Project Name: National Grid - Gloversville Former MGP Site, Gloversville, NY		Pace Project Manager: Rachel Christner	
Required Due Date/TAT: Standard		Project Number: 0603200-120780-221-1105		Pace Profile #: Semi-Annual System Sampling-Composite	
Section D Required Client Information SAMPLE ID One Character per box (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE		Valid Matrix Codes MATRIX CODE DISCHARGE WATER WASTE WATER PRODUCT PROCESS OIL WASTE OTHER TISUE		COLLECTED COMPOSITE START DATE TIME COMPOSITE END DATE TIME SAMPLE TYPE G+GRAB MATRIX CODE SAMPLE TYPE C+COMP DATE TIME DATE TIME	
ITEM #		SAMPLER NAME AND SIGNATURE		RELINQUISHED BY / AFFILIATION	
1 System Effluent Composite 0321		PRINT NAME: SAMP: <i>Devin Shay</i>		DATE: 3/16/14 TIME: 11:30	
2		SIGNATURE of SAMP: <i>Devin Shay</i>		DATE: 3/16/14 TIME: 11:30	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

REGULATORY AGENCY	
<input type="checkbox"/> NPDES	<input type="checkbox"/> GROUNDWATER
<input type="checkbox"/> CUST	<input type="checkbox"/> DRINKING WATER
<input type="checkbox"/> RCRA	<input type="checkbox"/> OTHER

SITE	
<input type="checkbox"/> GA	<input type="checkbox"/> IL
<input type="checkbox"/> IN	<input type="checkbox"/> MI
<input type="checkbox"/> OH	<input type="checkbox"/> SC
<input type="checkbox"/> WI	<input type="checkbox"/> OTHER

LOCATION	
<input type="checkbox"/> Y/N	<input type="checkbox"/> Y/N

Requested Analysis:	
<input type="checkbox"/> Alkalinity (609)	<input type="checkbox"/> Sulfate (609)
<input type="checkbox"/> Phenols, Total Chlorinated (625)	<input type="checkbox"/> Metals (200.7 & 245.1)
<input type="checkbox"/> Chromium, Hex. (3500 CR-D)	<input type="checkbox"/> Other

SAMPLE CONDITIONS	
Temp in °C	Received on
Sealed Cooler	Custody
Samples Intact	Y/N

Additional Comments:

SAMPLES WILL ARRIVE IN

COOLERS.

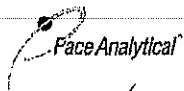
Please send reports to: dshay@gesonline.com, tbeaumont@gesonline.com

NERegion@gesonline.com, ges@equisonline.com

SPECIFIC EDD NAME:

NGGloversville-labnumber.28351.EQEDD.zip

Pittsburgh Lab Sample Condition Upon Receipt



Client Name: GES Project # _____

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

Tracking #: 9242 2956 0900

Label <u>im</u>
LIMS Login <u>im</u>

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

Thermometer Used 11 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 5.6 °C Correction Factor: 0 °C Final Temp: 5.6 °C
Temp should be above freezing to 6°C

Comments:	Yes	No	N/A	pH paper Lot# <u>1000401</u> <u>1001101 JSM</u>	Date and Initials of person examining contents: <u>JSM 7/18/21</u>
Chain of Custody Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. <u>3/18/21</u>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7.	
Rush Turn Around Time Requested:	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	14. <u>JSM 3/18/21</u>	
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: 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 <u>JSM</u>	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	17.	
Trip Blank Present:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	18.	
Trip Blank Custody Seals Present	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Rad Samples Screened < 0.5 mrem/hr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed: <u>JSM</u>	Date: <u>3/18/21</u> Survey Meter SN: <u>1563</u>

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.

W0#: 30410988

PM: RDC Due Date: 03/25/21
CLIENT: GES-Syracuse

April 10, 2021

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

RE: Project: National Grid - Gloversville
Pace Project No.: 30411068

Dear Devin Shay:

Enclosed are the analytical results for sample(s) received by the laboratory between March 18, 2021 and March 24, 2021. 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.

Bonnie Janowiak, Groundwater & Environmental Services,
Inc.



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: National Grid - Gloversville

Pace Project No.: 30411068

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

Guam Certification

Florida: Cert E871149 SEKS WET

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.: 30411068

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30411068001	System Effluent Grab 0321	Water	03/17/21 12:00	03/18/21 09:45
30411068002	Trip Blank	Water	03/17/21 00:00	03/18/21 09:45
30411916001	System Effluent Grab 0321	Water	03/23/21 11:30	03/24/21 10:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: National Grid - Gloversville

Pace Project No.: 30411068

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30411068001	System Effluent Grab 0321	EPA 625.1 Dec 2016	EAC	7	PASI-PA
		EPA 1664A	SEF	1	PASI-PA
		SM 4500H+B-2011	BWC	1	PASI-PA
		SM 4500CNE-2011	JWL	1	PASI-PA
30411916001	System Effluent Grab 0321	EPA 624.1 Dec 2016	LEL	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.: 30411068

Method: EPA 625.1 Dec 2016

Description: 625.1 Reduced Volume

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

Date: April 10, 2021

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.: 30411068

Method: EPA 624.1 Dec 2016

Description: 624.1 Volatile Organics

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

Date: April 10, 2021

General Information:

1 sample was 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.

QC Batch: 440436

ST: Surrogate recovery was above laboratory control limits. Results may be biased high.

- MSD (Lab ID: 2126435)
- 1,2-Dichloroethane-d4 (S)

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.: 30411068

Method: EPA 1664A

Description: HEM, Oil and Grease

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

Date: April 10, 2021

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.

QC Batch: 440868

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 30411174001

ML: Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

- MS (Lab ID: 2128246)
 - Oil and Grease
- MSD (Lab ID: 2128247)
 - Oil and Grease

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: National Grid - Gloversville

Pace Project No.: 30411068

Method: SM 4500H+B-2011

Description: 4500H+ pH, Electrometric

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

Date: April 10, 2021

General Information:

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

Hold Time:

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

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

- System Effluent Grab 0321 (Lab ID: 30411068001)

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

- System Effluent Grab 0321 (Lab ID: 30411068001)

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.: 30411068

Method: SM 4500CNE-2011

Description: 4500CNE Cyanide, Total

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

Date: April 10, 2021

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.: 30411068

Sample: System Effluent Grab 0321 **Lab ID: 30411068001** Collected: 03/17/21 12:00 Received: 03/18/21 09:45 Matrix: Water

Comments: • Required Vials for 624 analysis were not received; client was notified.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
625.1 Reduced Volume									
Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016									
Pace Analytical Services - Greensburg									
Pentachlorophenol	ND	ug/L	2.5	1.5	1	03/22/21 08:56	03/22/21 20:40	87-86-5	
Surrogates									
Nitrobenzene-d5 (S)	70	%.	15-104		1	03/22/21 08:56	03/22/21 20:40	4165-60-0	
2-Fluorobiphenyl (S)	63	%.	14-113		1	03/22/21 08:56	03/22/21 20:40	321-60-8	
Terphenyl-d14 (S)	93	%.	26-159		1	03/22/21 08:56	03/22/21 20:40	1718-51-0	
Phenol-d6 (S)	21	%.	10-48		1	03/22/21 08:56	03/22/21 20:40	13127-88-3	
2-Fluorophenol (S)	30	%.	10-66		1	03/22/21 08:56	03/22/21 20:40	367-12-4	
2,4,6-Tribromophenol (S)	75	%.	24-131		1	03/22/21 08:56	03/22/21 20:40	118-79-6	
HEM, Oil and Grease									
Analytical Method: EPA 1664A									
Pace Analytical Services - Greensburg									
Oil and Grease	ND	mg/L	4.8	0.92	1		03/29/21 14:04		
4500H+ pH, Electrometric									
Analytical Method: SM 4500H+B-2011									
Pace Analytical Services - Greensburg									
pH at 25 Degrees C	7.2	Std. Units	2.0	2.0	1		03/19/21 16:02		H3,H6
4500CNE Cyanide, Total									
Analytical Method: SM 4500CNE-2011 Preparation Method: SM 4500CNC-2011									
Pace Analytical Services - Greensburg									
Cyanide	ND	mg/L	0.010	0.0082	1	03/22/21 15:05	03/23/21 13:16	57-12-5	

Sample: System Effluent Grab 0321 **Lab ID: 30411916001** Collected: 03/23/21 11:30 Received: 03/24/21 10:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics									
Analytical Method: EPA 624.1 Dec 2016									
Pace Analytical Services - Greensburg									
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.24	1		03/25/21 14:03	79-34-5	
Benzene	ND	ug/L	1.0	0.41	1		03/25/21 14:03	71-43-2	
Chloroform	ND	ug/L	1.0	0.47	1		03/25/21 14:03	67-66-3	
Ethylbenzene	ND	ug/L	1.0	0.31	1		03/25/21 14:03	100-41-4	
Tetrachloroethene	ND	ug/L	1.0	0.30	1		03/25/21 14:03	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		03/25/21 14:03	108-88-3	
Surrogates									
4-Bromofluorobenzene (S)	102	%.	80-120		1		03/25/21 14:03	460-00-4	
Toluene-d8 (S)	107	%.	80-120		1		03/25/21 14:03	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%.	80-120		1		03/25/21 14:03	17060-07-0	
Dibromofluoromethane (S)	96	%.	80-120		1		03/25/21 14:03	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30411068

QC Batch:	440436	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: 30411916001

METHOD BLANK: 2126432 Matrix: Water
Associated Lab Samples: 30411916001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.24	03/25/21 13:11	
Benzene	ug/L	ND	1.0	0.41	03/25/21 13:11	
Chloroform	ug/L	ND	1.0	0.47	03/25/21 13:11	
Ethylbenzene	ug/L	ND	1.0	0.31	03/25/21 13:11	
Tetrachloroethene	ug/L	ND	1.0	0.30	03/25/21 13:11	
Toluene	ug/L	ND	1.0	0.24	03/25/21 13:11	
1,2-Dichloroethane-d4 (S)	%	89	80-120		03/25/21 13:11	
4-Bromofluorobenzene (S)	%	98	80-120		03/25/21 13:11	
Dibromofluoromethane (S)	%	93	80-120		03/25/21 13:11	
Toluene-d8 (S)	%	102	80-120		03/25/21 13:11	

LABORATORY CONTROL SAMPLE: 2126433

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	20	24.1	120	60-140	
Benzene	ug/L	20	21.6	108	65-135	
Chloroform	ug/L	20	18.4	92	70-135	
Ethylbenzene	ug/L	20	23.8	119	60-140	
Tetrachloroethene	ug/L	20	22.9	115	70-130	
Toluene	ug/L	20	23.4	117	70-130	
1,2-Dichloroethane-d4 (S)	%			87	80-120	
4-Bromofluorobenzene (S)	%			97	80-120	
Dibromofluoromethane (S)	%			92	80-120	
Toluene-d8 (S)	%			107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2126434 2126435

Parameter	Units	30411916001 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	15.5	14.5	78	73	46-157	7	61	
Benzene	ug/L	ND	20	20	16.1	16.4	80	82	37-151	2	61	
Chloroform	ug/L	ND	20	20	15.9	16.4	79	82	51-138	3	54	
Ethylbenzene	ug/L	ND	20	20	18.6	17.0	93	85	37-162	9	63	
Tetrachloroethene	ug/L	ND	20	20	19.4	18.9	97	94	64-148	2	39	
Toluene	ug/L	ND	20	20	17.3	16.5	86	83	47-150	4	41	
1,2-Dichloroethane-d4 (S)	%						114	126	80-120			ST
4-Bromofluorobenzene (S)	%						106	94	80-120			

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

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30411068

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2126434												
2126435												
		30411916001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Dibromofluoromethane (S)	%.						104	106	80-120			
Toluene-d8 (S)	%.						97	98	80-120			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30411068

QC Batch: 439694	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: 30411068001

METHOD BLANK: 2123194 Matrix: Water
Associated Lab Samples: 30411068001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	2.5	1.5	03/22/21 15:17	
2,4,6-Tribromophenol (S)	%.	82	24-131		03/22/21 15:17	
2-Fluorobiphenyl (S)	%.	95	14-113		03/22/21 15:17	
2-Fluorophenol (S)	%.	56	10-66		03/22/21 15:17	
Nitrobenzene-d5 (S)	%.	90	15-104		03/22/21 15:17	
Phenol-d6 (S)	%.	35	10-48		03/22/21 15:17	
Terphenyl-d14 (S)	%.	117	26-159		03/22/21 15:17	

LABORATORY CONTROL SAMPLE: 2123195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/L	10	12.2	122	38-152	
2,4,6-Tribromophenol (S)	%.			99	24-131	
2-Fluorobiphenyl (S)	%.			85	14-113	
2-Fluorophenol (S)	%.			51	10-66	
Nitrobenzene-d5 (S)	%.			94	15-104	
Phenol-d6 (S)	%.			32	10-48	
Terphenyl-d14 (S)	%.			101	26-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2123196 2123197

Parameter	Units	30410611004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Pentachlorophenol	ug/L	ND	9.8	9.9	10.9	11.7	111	118	14-176	7	86	
2,4,6-Tribromophenol (S)	%.						79	78	24-131			
2-Fluorobiphenyl (S)	%.						58	62	14-113			
2-Fluorophenol (S)	%.						35	37	10-66			
Nitrobenzene-d5 (S)	%.						67	73	15-104			
Phenol-d6 (S)	%.						22	24	10-48			
Terphenyl-d14 (S)	%.						85	94	26-159			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30411068

QC Batch: 440868	Analysis Method: EPA 1664A
QC Batch Method: EPA 1664A	Analysis Description: 1664 HEM, Oil and Grease
	Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30411068001

METHOD BLANK: 2128244 Matrix: Water

Associated Lab Samples: 30411068001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Oil and Grease	mg/L	ND	4.8	0.92	03/29/21 14:01	

LABORATORY CONTROL SAMPLE: 2128245

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/L	40	33.9	85	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2128246 2128247

Parameter	Units	30411174001 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	31.2	31.5	76	77	78-114	1	18	ML

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QUALITY CONTROL DATA

Project: National Grid - Gloversville

Pace Project No.: 30411068

QC Batch: 439587

Analysis Method: SM 4500H+B-2011

QC Batch Method: SM 4500H+B-2011

Analysis Description: 4500H+B pH

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30411068001

SAMPLE DUPLICATE: 2122425

Parameter	Units	30411194001 Result	Dup Result	RPD	Max RPD	Qualifiers
pH at 25 Degrees C	Std. Units	7.8	7.7	0	10	H3,H6

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QUALITY CONTROL DATA

Project: National Grid - Gloversville
Pace Project No.: 30411068

QC Batch:	439726	Analysis Method:	SM 4500CNE-2011
QC Batch Method:	SM 4500CNC-2011	Analysis Description:	4500CNE Cyanide, Total
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 30411068001

METHOD BLANK: 2123293 Matrix: Water
Associated Lab Samples: 30411068001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	03/23/21 12:35	

METHOD BLANK: 2123295 Matrix: Water
Associated Lab Samples: 30411068001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.010	0.0082	03/23/21 12:39	

LABORATORY CONTROL SAMPLE: 2123294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.2	0.20	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2123298 2123299

Parameter	Units	30410721002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cyanide	mg/L	0.0088J	0.1	0.1	0.11	0.099	97	91	90-110	6	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2123371 2123372

Parameter	Units	30410911001 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 U	0.1	0.1	0.096	0.10	93	100	90-110	7	20	

SAMPLE DUPLICATE: 2123300

Parameter	Units	30411175001 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	4.4	4.8	9	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: National Grid - Gloversville

Pace Project No.: 30411068

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.

ANALYTE QUALIFIERS

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

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

ML Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

ST Surrogate recovery was above laboratory control limits. Results may be biased high.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: National Grid - Gloversville

Pace Project No.: 30411068

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30411068001	System Effluent Grab 0321	EPA 625.1 Dec 2016	439694	EPA 625.1 Dec 2016	439777
30411916001	System Effluent Grab 0321	EPA 624.1 Dec 2016	440436		
30411068001	System Effluent Grab 0321	EPA 1664A	440868		
30411068001	System Effluent Grab 0321	SM 4500H+B-2011	439587		
30411068001	System Effluent Grab 0321	SM 4500CNC-2011	439726	SM 4500CNE-2011	439948

REPORT OF LABORATORY ANALYSIS

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Pace Greensburg Lab -Sample Container Count



GES Syracuse

National Grid - Gloversville Former MGPSite

Profile Number 7144

Notes

Client

Site

Sample Line Item

Sample Line Item	Matrix	AG1H	AG1S	AG1T	AG2U	AG3S	AG3U	AG5U	AG5T	BG1U	BG2U	BP1N	BP1U	BP2S	BP2U	BP3C	BP3N	BP3S	BP3U	DG9S	GCUB	VG9H	VG9T	VG9U	VOAK	WGCU	ZPLC
1	WT	3				1		3								1											
2	WT																										
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

PM: RDC

Due Date: 03/25/21

CLIENT: GES-Syracuse

WO#: 30411068

WO#: 30411068

PM: RDC Due Date: 03/25/21

CLIENT: GES-Syracuse

Container Codes

Glass	
GCUB	1 Gallon Cubitainer
12GN	1/2 Gallon Cubitainer
SP5T	120mL Coliform Na Thiosulfate
BP1N	1L plastic HNO3
BP1U	1L plastic unpreserved
BP3S	250mL plastic H2SO4
BP3N	250mL plastic HNO3
BP3U	250mL plastic unpreserved
BP3C	250mL plastic NAOH
BP2S	500mL plastic H2SO4
BP2U	500mL plastic unpreserved

Plastic / Misc.	
EZI	5g Encore
VOAK	Kit for Volatile Solid
I	Wipe/Swab
ZPLC	Ziploc Bag

WT	Water
SL	Solid
OL	Non-aqueous liquid
WP	Wipe

Pittsburgh Lab Sample Condition Upon Receipt



Client Name:

GES Syracuse Project #

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

Tracking #: 9242 2956 0900

Label ram
LIMS Login VPINC

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

Thermometer Used U Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 3.9 °C Correction Factor: 0 °C Final Temp: 3.9 °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"/>	<u>1001101</u>	<u>3-15-21</u>
Chain of Custody Filled Out:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Chain of Custody Relinquished:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Sample Labels match COC:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
-Includes date/time/ID Matrix: <u>WT</u>					
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Short Hold Time Analysis (<72hr remaining):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Rush Turn Around Time Requested:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Sufficient Volume:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<u>3-19-21</u>
Correct Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
-Pace Containers Used:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<u>Did not receive receive V694 for System Effluent Grab 0321</u>
Containers Intact:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Orthophosphate field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Hex Cr Aqueous sample field filtered	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Organic Samples checked for dechlorination:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Filtered volume received for Dissolved tests	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
All containers have been checked for preservation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
exceptions: <u>VOA</u> , coliform, TOC, O&G <u>Phenolics</u> , Radon, Non-aqueous matrix					
All containers meet method preservation requirements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Initial when completed <u>RP</u>	Date/time of preservation
				Lot # of added preservative	
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Trip Blank Present:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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: Survey Meter SN:

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.

WO#: 30411068

PM: RDC Due Date: 03/25/21

CLIENT: GES-Syracuse

April 9, 2021

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:	Rachel - Routine Sample Submission	Workorder:	3165043
Purchase Order:	ASR-30411068	Workorder ID:	30411068

Dear Ms. Christner:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, March 23, 2021.

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.

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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: 3165043 30411068

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
3165043001	30411068 001	Water	3/17/2021 12:00	3/23/2021 09:30	Collected by Client

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SAMPLE SUMMARY

Workorder: 3165043 30411068

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

C	Please reference the Project Summary section of this Certificate of Analysis for case narrative comments.
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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PROJECT SUMMARY

Workorder: 3165043 30411068

Workorder Comments

Temperature of sample taken at time of sample receipt in the laboratory. See chain of custody for actual temperature.

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**ANALYTICAL RESULTS**

Workorder: 3165043 30411068

Lab ID: **3165043001**
Sample ID: **30411068 001**Date Collected: 3/17/2021 12:00 Matrix: Water
Date Received: 3/23/2021 09:30

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
WET CHEMISTRY										
Phenolics	ND	C,1, 2	mg/L	0.005	SW846 9066	4/7/21 21:00	VXF	4/8/21 12:00	VXF	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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**ANALYTICAL RESULTS**

Workorder: 3165043 30411068

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
3165043001	1	30411068 001	SW846 9066	Phenolics
The QC sample type MS for method 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 81.2 and the control limits were 90 to 110.				
3165043001	2	30411068 001	SW846 9066	Phenolics
The QC sample type MSD for method 9066 was outside the control limits for the analyte Phenolics. The % Recovery was reported as 84.7 and the control limits were 90 to 110.				

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**ANALYSIS - PREP METHOD CROSS REFERENCE TABLE**

Workorder: 3165043 30411068

Lab ID	Sample ID	Analysis Method	Prep Method	Leachate Method
3165043001	30411068 001	SW846 9066	420.4/9066	

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QUALITY CONTROL DATA

Workorder: 3165043 30411068

QC Batch: WCPR/54338

Analysis Method: SW846 9066

QC Batch Method: 420.4/9066

Associated Lab Samples: 3165043001

MATRIX SPIKE: 3305873 DUPLICATE: 3305874 ORIGINAL: 3165043001

****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	.00234	mg/L	.1	.08354	.08699	81.2*	84.7*	90 - 110	4.05	10

MATRIX SPIKE SAMPLE: 3305875 ORIGINAL: 3165555001

****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	MS % Rec	% Rec Limit
Phenolics	.00281	mg/L	.1	.09011	87.3*	90 - 110

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QUALITY CONTROL DATA

Workorder: 3165043 30411068

QC Batch: WETC/253157

Analysis Method: SW846 9066

QC Batch Method: SW846 9066

Associated Lab Samples:

METHOD BLANK: 3306670

Parameter	Blank Result	Units	Reporting Limit
Phenolics	0.002	mg/L	0.001

METHOD BLANK: 3306672

Parameter	Blank Result	Units	Reporting Limit
Phenolics	0.003	mg/L	0.001

METHOD BLANK: 3306674

Parameter	Blank Result	Units	Reporting Limit
Phenolics	ND	mg/L	0.001

METHOD BLANK: 3306676

Parameter	Blank Result	Units	Reporting Limit
Phenolics	ND	mg/L	0.001

METHOD BLANK: 3306678

Parameter	Blank Result	Units	Reporting Limit
Phenolics	ND	mg/L	0.001

METHOD BLANK: 3306770

Parameter	Blank Result	Units	Reporting Limit

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QUALITY CONTROL DATA

Workorder: 3165043 30411068

Phenolics	0.004	mg/L	0.001
-----------	-------	------	-------

METHOD BLANK: 3306772

Parameter	Blank Result	Units	Reporting Limit
Phenolics	0.004	mg/L	0.001

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**Workorder: 3165043 30411068

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
3165043001	30411068 001	420.4/9066	WCPR/54338	SW846 9066	WETC/253157

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Chain of Custody



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

Sample Condition upon Receipt:

(Please record the following information)

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



Subcontract 3165043

Request Date: 3/22/21 Analysis Due Date: 4/1/2021
Shipped By: Courier

Certification Required: PA

Pace Project No.: 30411068
Report/Invoice to: Rachel Christner

Page 1 of 1

Pace Sample ID:	Matrix:	Collection Date:	Time:	Analysis Requested:	Analytical Method:	Preservative Type:
1	WT	3/17/21	12:00	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

Subcontract Lab:
Address:
Phone:

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

Analysis Authorized By:
Acceptance of Terms By:

Pace Agent Name
Subcontract Lab Agent
Manager
Title
Title

Relinquished By:
Relinquished By:
Comments:

(Signature & Affiliation) (Date) (Time)
(Signature & Affiliation) (Date) (Time)

Received By:
Received By:
(Signature & Affiliation) (Date) (Time)
(Signature & Affiliation) (Date) (Time)

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\kismetanka\Desktop\SUBCON\30343322 asr als mid]



301 Fulling Mill Road
Middletown, PA 17057

P: (717) 944-5541

F: (717) 944-1430

3165043

Pace Analytical Services,
Inc. - PA

ion of Sample Receipt Form

Client:

Wor

Initials:

Date:

W 3/23/24

1. Were airbills / tracking numbers present and recorded?..... NONE ☒ YES NO
Tracking number: 9242 296000284
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?..... n/a 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?¹..... 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: WY

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

[illegible]