

January 21, 2014

Mr. Richard Dana  
New York State Department of Environmental Conservation  
Remedial Bureau C, Section C  
625 Broadway  
Albany, NY 12233-7015

RE: National Grid Hill Street Site – Gloversville, NY  
2013 Semi-Annual OM&M Report (July – December)

Dear Mr. Dana:

This letter report serves as the 2013 semi-annual Operations, Maintenance, and Monitoring (OM&M) Report for the National Grid Hill Street Site in Gloversville, NY. This report includes the following information:

- Groundwater Treatment System History and Description
- Summary of routine and non-routine site OM&M activities (July 2013 – December 2013);
- Analytical results for the semi-annual effluent discharge sampling event (September 17, 2013);
- Operational data for the water treatment system (July 2013 – December 2013);
- Summary of planned site OM&M activities (January 2014 – June 2013).

### **Groundwater Treatment System History and Description**

- 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 has been operating the water treatment system continuously from August 16, 2008 to the present.
- 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. 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 assuming the OM&M contractor role at the site, National Grid has made significant

modifications to the system to improve efficiencies and meet compliance requirements. The major modifications were conducted from January 2009 to November 2009 and included the following major elements: 1) replaced the Oil/Water Separator (OWS); 2) replaced the bag filter unit; 3) added a backwash storage tank; 4) 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. Also, 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 didn't settle out prior to returning to the system.
- To combat DNAPL upsets and protect the system's primary media, a new bypass OrganoClay pressure vessel was installed in January 2012 between the OWS and bag filter unit.
- The Groundwater Treatment System consists of the following components:
  - Sequestering agent and metering pump [part of 2009 modifications]. Biocide and metering pump [part of 2009 modifications]. Chemicals are added at NMH-1, NMH-6, and the OWS to reduce bio and iron fouling within the system.
  - A 2,200-gallon conical-bottomed influent settling tank (equalization (EQ) tank) (T-300). The EQ Tank provides buffering capacity for variable flows and time to allow solids to settle.
  - An oil/water separator (OWS) (T-400) [part of 2009 modifications]. Plastic media with significant surface area is utilized to separate Light Non Aqueous Phase Liquids (LNAPL) and Dense Non Aqueous Phase Liquids (DNAPL) from the gravity water stream.
  - 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. They 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 Xylene (BTEX) from the water stream.

- Two 34-cubic-foot anion resin vessels (AR-801 and AR-802). Granular resin media contained within the pressure vessels is used to adsorb Cyanide from the water stream.
- A 1,850-gallon effluent tank (T-900). The treated water storage effluent tank is used for backwashing the GAC and Organoclay vessels. Remaining water from the effluent tank is pumped to the 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 3600-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 in 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.

**Attachment A** presents the Site Location Map [Figure 1], the Site Layout Plan [Figure 2], the Groundwater Treatment System Piping and Equipment Layout [Figure 3], the System Piping and Instrumentation Diagram (P&ID) [Figure 4], and the system abbreviations, legend, interlocks, and specifications [Figure 5].

### **Summary of Routine and Non-Routine OM&M Activities (July 1, 2013 – December 31, 2013)**

CDM Smith conducted the following routine OM&M Activities at the site:

- ✓ Weekly groundwater treatment system inspections and monthly site inspections [weekly and monthly inspection sheets are presented in **Attachment B**];
- ✓ Weekly backwashing of the 6 media vessels;
- ✓ Weekly bag filter change-outs;
- ✓ Weekly documentation of system flows, pressures, media utilization;
- ✓ Coordinate 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 riprap channel, as needed.

CDM Smith conducted the following non-routine OM&M Activities at the site:

- In August 2013, CDM Smith painted the two mandors to the treatment building.
- In August 2013, two flow meters were ordered as replacements for the existing effluent discharge flow meter and backwash flow meter.
- Site visit with Derek Cole (Abscope) on September 11, 2013 to discuss storm water swale riprap repair issues.
- On September 24, 2013, Clean Harbors completed the T&D of 3 drums of PPE/bag filters.
- The annual Gloversville Fire Department inspection was conducted on October 23, 2013.
- On October 31, 2013, CDM Smith responded to an evening high level alarm at NMH-1 after several attempts to remotely resolve the issue. After on-site troubleshooting, it was determined that the main “on” float for the pumps was not working correctly. A temporary fix was made to get the system back up and running.
- Installed the two flow meters as replacements for the existing effluent discharge flow meter and backwash flow meter during the week of November 18, 2013. Piping and electrical connections were modified to install the new units.
- The two new effluent flow meters were programmed by Enviromation on December 6, 2013.
- On December 9, 2013, influent water from NMH-1 and NMH-6, influent water to the anion resin vessel, and effluent water to the anion resin vessel were sampled for Total Cyanide to verify the effectiveness of the anion resin treatment. The analysis from the effluent water sampling indicated a detection of Total Cyanide, but it was well BELOW the permit limit.
- GroutTech completed the annual Groundwater and Storm water Conveyance System video inspection on December 18-19, 2013. A small leak was observed in the 18” HDPE Pipe approximately 30 feet from CB-4 toward CB-2. GroutTech will order the supplies and make the necessary repairs in early January 2014.

#### **Analytical results for the semi-annual effluent discharge sampling event (September 17 2013)**

On September 17, 2013, CDM Smith conducted the semi-annual effluent water discharge monitoring event. The effluent water was submitted to Test America for analysis. Test America submitted the analytical report on September 30, 2013. The analytical results indicated no exceedances of the Gloversville-Johnstown Wastewater Treatment Facility Discharge Permit #133 limits. The analytical results are presented in **Attachment C**.

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

#### **Operational data for the water treatment system (July 1, 2013 – December 31, 2013)**

For the period July 1, 2013 through December 31, 2013, the water treatment system has treated and discharged approximately 10,061,000 gallons of water to the POTW sewer at an average flow of 31 gpm. 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 86 gpm. An operational data summary table for this period is presented in **Attachment D**.

To date, approximately 104 Million gallons have been successfully treated and discharged without a permit exceedance.

**Summary of planned OM&M activities (January 1, 2014 – June 30, 2014)**

Below are OM&M activities planned for the next six months:

- Repair a pipe joint in one of the storm water pipes. GroutTech will make the repairs under the supervision of CDM Smith. The repair will be in situ using a grout injection method similar to previous repairs.
- Conduct monthly site-wide inspections as well as 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 on-site day per week will be required (i.e., bag filter change-outs; vessel/pump pressure checks). The system is monitored remotely on a continuous basis. If an unforeseen condition arises (i.e., NAPL upset condition), CDM Smith will respond immediately and remedy the situation. During NAPL upset conditions, on-site effort will likely expand to 2-3 days per week.
- Conduct semi-annual cleaning of the manholes, tanks, building sump, and OWS.
- Conduct semi-annual operational sampling/analysis to evaluate treatment effectiveness. Conduct media change-outs (Organoclay, GAC, and Resin), if needed.
- Conduct the semi-annual treated water discharge sampling event in March 2014.
- Prepare a semi-annual OM&M report for January 1, 2013 through June 30, 2013 and submit to NYSDEC and GJJWTF.

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

Sincerely,

 for SPS

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

cc: Mark Levendusky - GJJWTF  
Matt Millias – CDM Smith

# **ATTACHMENT A**

**Figure 1 - Site Location Map**

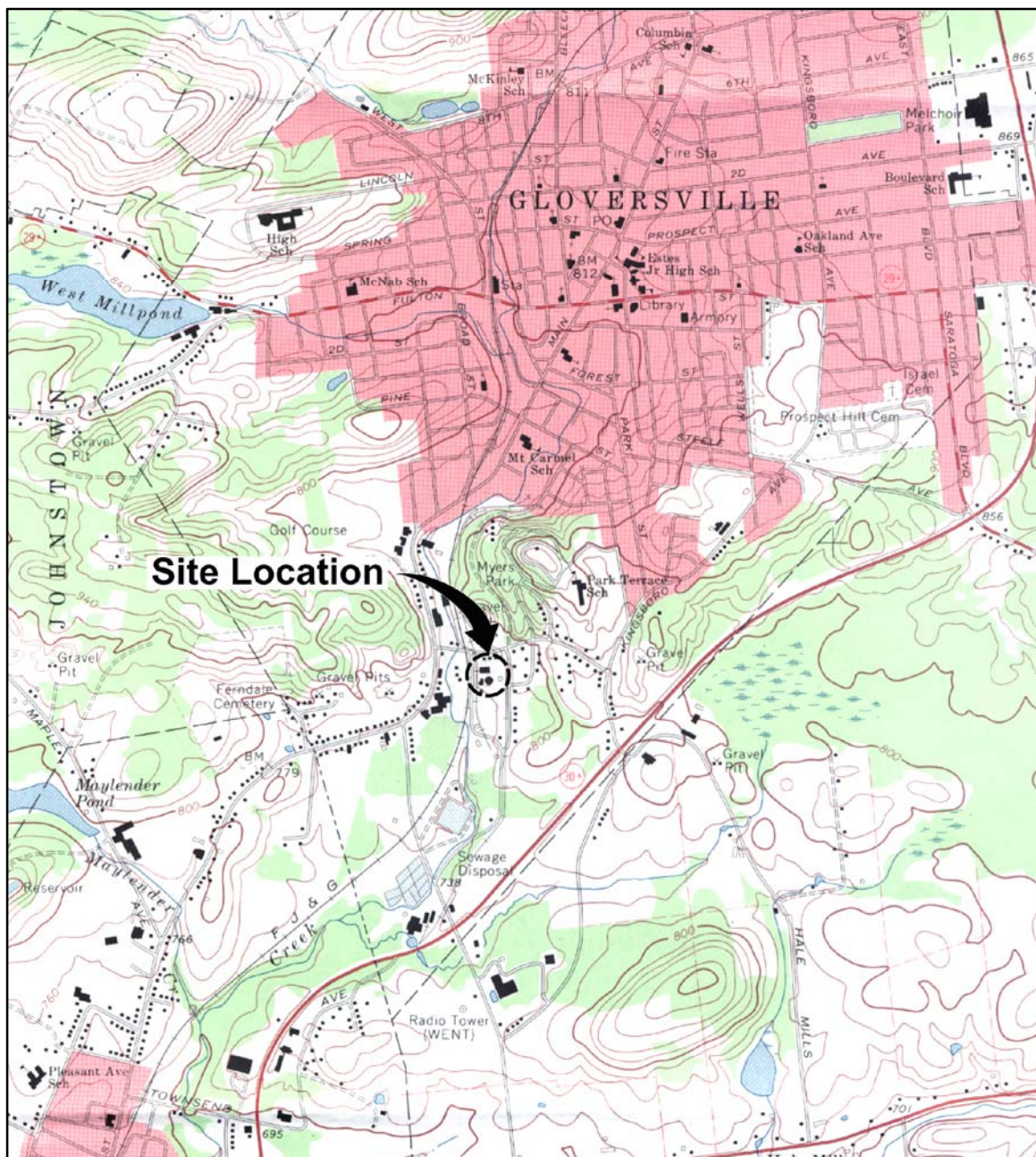
**Figure 2 - Site Plan**

**Figure 3 – Water Treatment System Layout**

**Figure 4 – Water Treatment System P&ID**

**Figure 5 – Groundwater Treatment System  
Abbreviations, Legend, Interlocks,  
and Specifications**





VACINITY MAP



# SITE LOCATION PLAN NTS

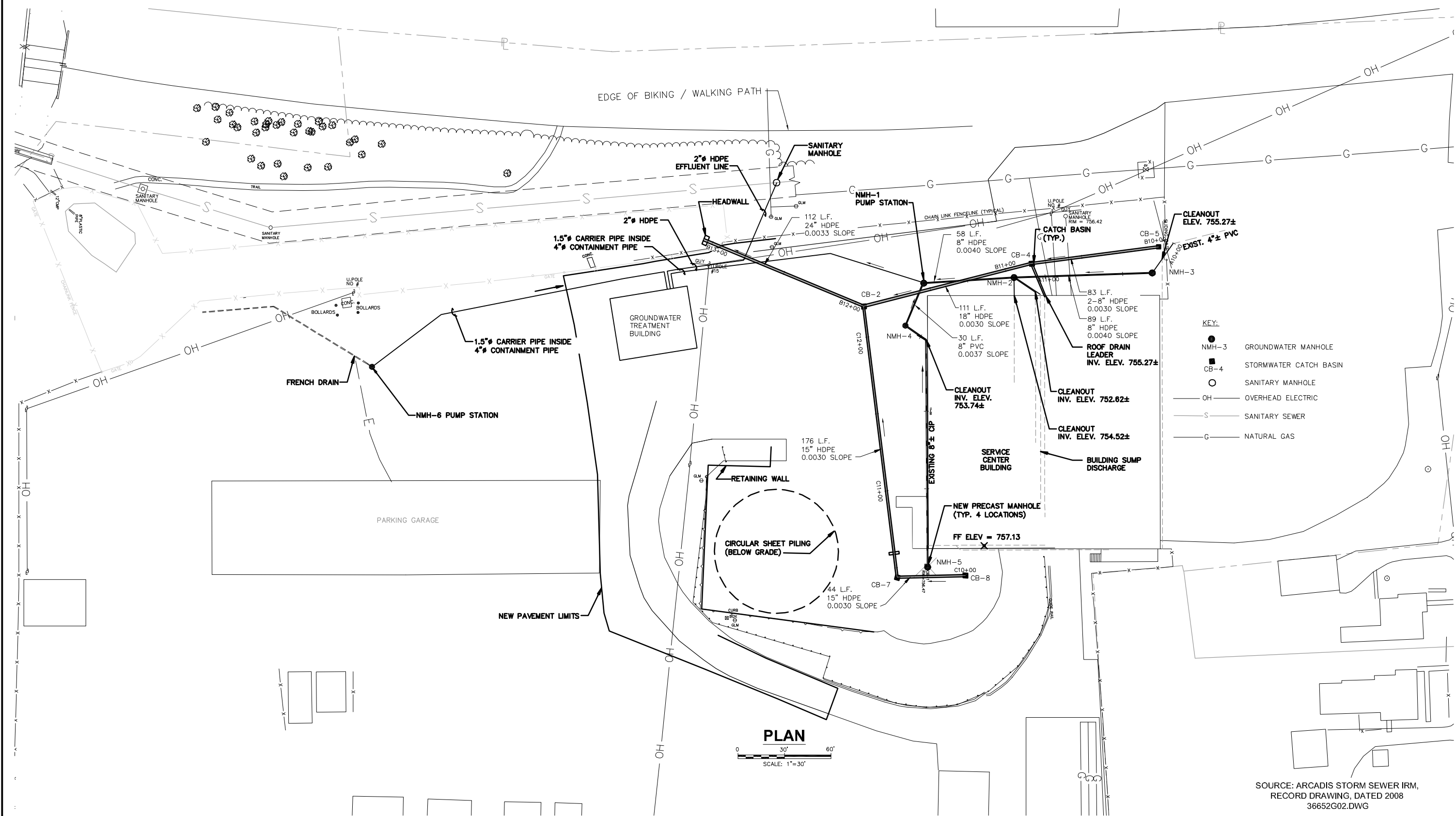
NATIONAL GRID GLOVERSVILLE  
(HILL STREET) FORMER MGP  
GLOVERSVILLE, NEW YORK

**CDM  
Smith**

Camp Dresser & McKee

**FIGURE 1  
SITE LOCATION MAP**

\\syrsv01\Projects\NG\_NYS\_O&M\Groversville\Drawings\Facility\_2011\FIGURE 2\_07/16/12\_13:27 koskar





















\\\\sysv01\\Projects\\NG\_NYS\_O&M\\Gloversville\\Drawings\\Facility 2011\\ FIGURE 5 07/16/12 11:21 koskar

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
FQI	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
U	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.

MAJOR EQUIPMENT AND INSTRUMENTATION SPECIFICATIONS:

<u>MANHOLE NMH-1 PUMPS (P-101 AND P-102)</u>	
QUANTITY:	2
MANUFACTURER:	HYDROMATIC
MODEL:	HPGHH 750 3/6-2
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

<u>MANHOLE NMH-6 PUMPS (P-201 AND P-202)</u>	
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

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

<u>INFLUENT SETTLING TANK (T-300)</u>	
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

<u>BUILDING SUMP PUMP (P-302)</u>	
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

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

<u>OIL/WATER SEPARATOR (T-400)</u>	
QUANTITY:	1
MANUFACTURER:	HYDRO QUIP, INC.
MODEL:	AG-4SS-HP-1H-IP
FLOW RATE:	150 GPM
MATERIALS OF CONSTRUCTION:	STAINLESS STEEL

<u>TRANSFER TANK (T-500) AND BACKWASH WATER STORAGE TANK (T-900)</u>	
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

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

<u>TRANSFER TANK LEVEL TRANSMITTER (LT-500) &amp; (LT-1000) BACKWASH WATER STORAGE TANK LEVEL TRANSMITTER (LT-900)</u>	
QUANTITY:	3
MANUFACTURER:	PULSAR
TYPE:	ULTRASONIC
MODEL:	IMP-6

<u>BYPASS ORGAO CLAY FILTRATION VESSEL (OC-500)</u>	
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

<u>VARIABLE FREQUENCY DRIVE (V-700)</u>	
QUANTITY:	1
MANUFACTURER:	SQUARE D

<u>VARIABLE FREQUENCY DRIVES (V-501 AND V-502)</u>	
QUANTITY:	2
MANUFACTURER:	BENSHAW
MODEL:	RSI-005-GX-2B
TYPE:	CONSTANT TORQUE, 1 TO 5 HP, 230 V

<u>PRESSURE SWITCH (PSH-500)</u>	
QUANTITY:	1
MANUFACTURER:	TURCK
SCALE:	0 - 100 PSI
MODEL:	PT100PSIG-13-L13-H1131

<u>PRESSURE RELIEF VALVE (PRV-500)</u>	
QUANTITY:	1
MANUFACTURER:	PLAST-O-MATIC
TYPE:	SPRING
MODEL:	RVT100EP-PV
SIZE:	1 INCH
MATERIAL:	PVC

<u>BAG FILTERS (BF-500)</u>	
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

<u>ORGANOCLAY FILTRATION VESSELS (OC-601 AND OC-602)</u>	
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

<u>GRANULAR ACTIVATED CARBON VESSELS (C-701 AND C-702)</u>	
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

<u>PH/TEMPERATURE ANALYZING TRANSMITTER (AIT-700)</u>	
QUANTITY:	1
MANUFACTURER:	WALCHEM
MODEL:	WDP301-42N
SENSOR:	WDS-PHW

<u>RESIN FILTRATION VESSELS (AR-801 AND AR-802)</u>	
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

<u>BACKWASH WATER STORAGE TANK DISCHARGE PUMPS (P-901 AND P-902)</u>	
QUANTITY:	2
MANUFACTURER:	GOULDS
MODEL:	7SH4052B0
FLOW RATE:	70 GPM @ 50 FEET TDH
MOTOR:	2 HP, 208 V, 3P TEFC
MATERIALS OF CONSTRUCTION:	STAINLESS STEEL

<u>MECHANICAL FLOW METER (FM-920)</u>	
QUANTITY:	1
MANUFACTURER:	ISTEC FLOW MEASUREMENT AND CONTROL
TYPE:	MECHANICAL
SIZE:	2"
MODEL:	1750

<u>CHEMICAL FEED PUMP</u>	
QUANTITY:	4
MANUFACTURER:	LMI MILTON ROY
MODEL:	LMI AA 941
FLOW RATE:	2 GALLONS PER HOUR (MAX)

<u>SEQUESTERING AGENT</u>	
TYPE:	REDUX390
MANUFACTURER:	REDUX CHEM.

<u>BIOCID</u>	
TYPE:	BIOBROM C-105L
MANUFACTURER:	CLEARON CORPORATION

<u>BACKWASH STORAGE TANK T-1000</u>	
QUANTITY:	1
MANUFACTURER:	CHEMTAINER
MODEL:	TC36001A
CAPACITY:	3600 GALLONS
MATERIAL:	LINEAR POLYETHYLENE

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

# **ATTACHMENT B**

## **Inspection Forms (July 2013 – December 2013)**

Date: 7/25/2013

Time: 10:00

Technician: JR

Weather: Sunny 70 °

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	Repaired bank area by headwall
Standing water in drainage ditch?	Yes	No	
Exposed or damaged GCL in drainage ditch?	Yes	No	locations?
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	

Date: 8/27/2013

Time: 7:00

Technician: TB

Weather: Cloudy 63 °

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	
Standing water in drainage ditch?	Yes	No	minimal
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	



Date: 9/23/2013

Time: 11:30

Technician: TB

Weather: Sunny 55 °

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	
Standing water in drainage ditch?	Yes	No	minimal
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	

Date: 10/30/2013

Time: 10:45

Technician: JR

Weather: Rain 39 °

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	
Standing water in drainage ditch?	Yes	No	minimal
Exposed or damaged GCL in drainage ditch?	Yes	No	
Vegetative growth in drainage ditch?	Yes	No	
Channeling to drainage ditch?	Yes	No	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	

Date: 11/29/2013

Time: 10:45

Technician: JR

Weather: Clear 18°

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	
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	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	

Date: 12/19/2013

Time: 2:30

Technician: JR

Weather: Clear 40°

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

Inspection	Completed		Comments
NMH-2 manway in good condition?	Yes	No	debris? None
NMH-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-3 manway in good condition?	Yes	No	debris? None
NMH-3 LNAPL, DNAPL, Odor or seeps?	Yes	No	
NMH-4 manway in good condition?	Yes	No	debris? None
NMH-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-4?	Yes	No	
NMH-5 manway in good condition?	Yes	No	debris? None
NMH-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Change LNAPL boom in NMH-5?	Yes	No	
CB-2 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-2 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-4 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-4 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-5 catchbasin in good condition?	Yes	No	Grouttech repaired week of June 4, 2012
CB-5 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-7 catchbasin in good condition?	Yes	No	
CB-7 LNAPL, DNAPL, Odor or seeps?	Yes	No	
CB-8 catchbasin in good condition?	Yes	No	debris? None
CB-8 LNAPL, DNAPL, Odor or seeps?	Yes	No	
Security fence secure to drainage ditch?	Yes	No	
Drainage Ditch Headwall in good condition?	Yes	No	
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	slight areas
Security fence secure to detention pond?	Yes	No	
Odor or sheen in stormwater?	Yes	No	
HDPE liner and anchors in good condition?	Yes	No	
Concrete pavers in good condition?	Yes	No	
Basin outflow pipe flowing	Yes	No	debris?
Signs of detention pond basin overflowing?	Yes	No	

Grouttech completed the annual video inspection on December 18-19, 2013.

Small leak was observed in a pipe connection between CB-2 and CB-4.

Supplies are on order and will be repaired in January 2014.

Date: 7/03/2013

Time: 10:30

National Grid  
Gloversville, New York

Technician: JR

Weather: clear 83 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>6</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>117</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 7/10/2013

Time: 10:30

National Grid  
Gloversville, New York

Technician: JR

Weather: clear 85 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>6</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>109</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 7/17/2013

Time: 10:45

National Grid  
Gloversville, New York

Technician: JR

Weather: clear 88 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>6</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>101</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 7/25/2013

Time: 9:45

National Grid  
Gloversville, New York

Technician: JR

Weather: clear 70 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>5</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>93</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 7/31/2013

Time: 10:15

National Grid  
Gloversville, New York

Technician: JR

Weather: clear 74 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>85</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 8/6/2013

Time: 13:15

National Grid  
Gloversville, New York

Technician: TB

Weather: Sunny 75 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>7</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>69</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 8/14/2013

Time: 11:00

National Grid  
Gloversville, New York

Technician: JR

Weather: Cloudy 64 °

**Weekly Groundwater Treatment System OM&M Checklist**

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>7</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>3</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>151</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 8/19/2013

Time: 13:00

**National Grid**  
**Gloversville, New York**

Technician: TB

Weather: Sunny 78 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>7</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>3</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>143</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 8/27/2013

Time: 7:00

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Cloudy 63 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>3</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>135</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 9/2/2013

Time: 11:00

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Cloudy 75 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>3</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>127</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 9/10/2013

Time: 11:30

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Rain 63 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>5</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>2</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>119</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 9/17/2013

Time: 11:30

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Sunny 54 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>5</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>2</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>111</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 9/23/2013

Time: 11:30

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Sunny 55 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>5</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>2</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>103</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 9/30/2013

Time: 11:30

**National Grid**  
**Gloversville, New York**

Technician: JR

Weather: Sunny 65 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>4</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>2</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>95</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 10/09/2013

Time: 11:00

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 55 °

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	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>4</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>1</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>87</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 10/16/2013

Time: 9:00

**National Grid  
Gloversville, New York**

Technician: TB

Weather: Cloudy 54 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>3</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>1</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>79</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 10/23/2013

Time: 10:30

**National Grid**  
**Gloversville, New York**

Technician: JR

Weather: Clear 33 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No	set heat at n/a°	
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>3</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>1</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>71</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 10/30/2013

Time: 10:45

**National Grid**  
**Gloversville, New York**

Technician: JR

Weather: rain 39 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>3</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>1</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>63</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 11/06/2013

Time: 11:45

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 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		
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).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>2</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>0</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>55</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No		
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 11/13/2013

Time: 11:30

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 30 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>1</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>0</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>47</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 11/20/2013

Time: 11:15

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 32 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>8</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>1</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>5</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>39</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 11/29/2013

Time: 10:45

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 18 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>7</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>1</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>31</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 12/06/2013

Time: 11:30

**National Grid**  
**Gloversville, New York**

Technician: JR

Weather: Rainy 38 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
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).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>7</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>113</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 12/13/2013

Time: 10:00

**National Grid**  
**Gloversville, New York**

Technician: JR

Weather: Snowing 23 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>105</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 12/18/2013

Time: 2:00

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 32 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>97</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

Date: 12/24/2013

Time: 11:00

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Clear 24 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
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).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>4</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>89</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	



Date: 12/31/2013

Time: 11:00

**National Grid  
Gloversville, New York**

Technician: JR

Weather: Cold 18 °

Inspection	Completed		Comments	
Treatment building in good condition?	Yes	No		
Emergency key in lock box?	Yes	No		
Security lights operating and in good condition?	Yes	No		
Lighting operating and in good condition?	Yes	No		
Ventilation operating and in good condition?	Yes	No		
Heating units operating and in good condition?	Yes	No		
Fire Extinguishers in good condition?	Yes	No		
First aid kit and eye wash in good condition?	Yes	No		
Biocide pumps operating and in good condition?	Yes	No		
Clean Biocide pumps?	Yes	No	new head 7/30/12 (P-304B) and 3/11/13 (P-304A).	
<b>Number of extra Biocide drums? Redux 620</b>	<b>6</b>			
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.	
<b>Number of extra Redux 340 drums?</b>	<b>0</b>			
Redux 390 pumps operating and in good condition?	Yes	No		
Clean Redux 390 pumps?	Yes	No	Installed new head 7/17/2012	
<b>Number of extra Redux 390 drums?</b>	<b>3</b>			
Building floor sump pump operational?	Yes	No		
Clean building floor sump?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
Influent Tank 300 in good condition and free of leaks?	Yes	No		
Influent Tank 300 sediment?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 5/21/2013 Clean Harbors	
OWS media in good condition?	Yes	No	New Media 5/21/2013	
Clean OWS media?	Yes	No	New Media 5/21/2013	
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 6/21/2011 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 1/18/2011	
Pump P-502 operating and in good condition?	Yes	No	New Stack Kit 3/8/2011	
PRV-500 pressure relief valve operating at 75psi?	Yes	No		
Organo Clay OC-500 Extra Vessel for NAPL removal on line?	Yes	No		
Bag filter unit operating and in good condition?	Yes	No		
<b>Number of extra 10 Micron bags?</b>	<b>81</b>		<b>Order more when level reaches 30</b>	
Organo Clay OC-601 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Organo Clay OC-602 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-701 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Carbon C-702 operating and in good condition?	Yes	No	parallel	new media 3/5/2013
Arion Resin AR-801 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Arion Resin AR-802 operating and in good condition?	Yes	No	parallel	new media 3/4/2013
Calibrate PH and temperature meter?	Yes	No		
BW storage water Tank 900 in good condition and free of leaks?	Yes	No		
BW storage water Tank 900 sediment?	Yes	No		
Treated water is clear and free of odor?	Yes	No		
Pump P-901 operating and in good condition?	Yes	No	New unit 1/18/2011	
Pump P-902 operating and in good condition?	Yes	No	Rebuilt unit 3/8/2011	
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 5/21/2013 Clean Harbors	
Pump P-903 operating and in good condition?	Yes	No		
NMH-1 manway cover in good condition?	Yes	No	Cleaned 6/21/2011 Clean Harbors	
NMH-1 pump panel operating and in good condition?	Yes	No		
NMH-1 internal piping and electrical in good condition?	Yes	No	bypassed H alarm float& ordered	
Change LNAPL boom in NMH-1?	Yes	No		
Pump P-101 operating?	Yes	No	New unit 1/31/2012	
Pump P-102 operating?	Yes	No	Rebuilt unit 12/6/2011	
NMH-6 manway cover in good condition?	Yes	No	Cleaned 5/21/2013 Clean Harbors	
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 10/17/2011	
Pump P-202 operating?	Yes	No	Rebuilt unit 10/17/2011	

## **Attachment C**

### **Analytical Data – Treated Effluent Water**

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-45999-1

Client Project/Site: CDM Smith

Sampling Event: Gloversville System

For:

CDM Smith, Inc.

One General Motors Drive

Syracuse, New York 13206

Attn: Matthew Millias

*Peggy Gray-Erdmann*

Authorized for release by:

9/30/2013 10:50:51 AM

Peggy Gray-Erdmann, Project Manager II

(716)691-2600

[peggy.gray-erdmann@testamericainc.com](mailto:peggy.gray-erdmann@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.*

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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## Definitions/Glossary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

### Qualifiers

#### General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Case Narrative

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

**Job ID: 480-45999-1**

**Laboratory: TestAmerica Buffalo**

### Narrative

#### Job Narrative 480-45999-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 9/18/2013 1:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

#### GC/MS VOA

No analytical or quality issues were noted.

#### GC/MS Semi VOA

No analytical or quality issues were noted.

#### GC Semi VOA

Method(s) 608: All primary data is reported from the RTX-CLPI column.

Method(s) 608: The surrogate percent difference in the associated continuing calibration verifications (CCV 480-140356/3) and (CCV 480-140356/25) for Decachlorobiphenyl exceeded 15% on the RTX-CLPI column, indicating a high bias.

No other analytical or quality issues were noted.

#### Metals

Method(s) 200.7 Rev 4.4: The total cadmium, copper, nickel, and zinc values obtained for sample System Composite 0913 (480-45999-3) were inconsistent with historical trends. Reanalysis was performed and the values were confirmed. Only the results from the original analysis were provided in this data package.

No other analytical or quality issues were noted.

#### General Chemistry

Method(s) SM 4500 CN E: The results reported for the following sample(s) do not concur with results previously reported for this site: System Grab 0913 (480-45999-1). Reanalysis was performed, and the result(s) confirmed.

Method(s) SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: System Grab 0913 (480-45999-1)

No other analytical or quality issues were noted.

#### Organic Prep

Method(s) 625: During pH adjustment, the following sample required 20 mL of base to reach the desired pH: System Composite 0913 (480-45999-3). Most samples take less than 10 mL to reach the desired range.

No other analytical or quality issues were noted.



## Detection Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

### Client Sample ID: System Grab 0913

Lab Sample ID: 480-45999-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.022		0.010		mg/L	1		SM 4500 CN E	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.98	HF	0.100		SU	1		SM 4500 H+ B	Total/NA

### Client Sample ID: Trip Blank

Lab Sample ID: 480-45999-2

No Detections.

### Client Sample ID: System Composite 0913

Lab Sample ID: 480-45999-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.0032		0.0010		mg/L	1		200.7 Rev 4.4	Total/NA
Nickel	0.014		0.010		mg/L	1		200.7 Rev 4.4	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

**Client Sample ID: System Grab 0913**

**Lab Sample ID: 480-45999-1**

**Date Collected: 09/17/13 11:10**

**Matrix: Water**

**Date Received: 09/18/13 01:30**

## Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/L			09/20/13 07:08	1
Chloroform	ND		5.0		ug/L			09/20/13 07:08	1
Ethylbenzene	ND		5.0		ug/L			09/20/13 07:08	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			09/20/13 07:08	1
Tetrachloroethene	ND		5.0		ug/L			09/20/13 07:08	1
Toluene	ND		5.0		ug/L			09/20/13 07:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		72 - 130		09/20/13 07:08	1
4-Bromofluorobenzene (Surr)	100		69 - 121		09/20/13 07:08	1
Toluene-d8 (Surr)	99		70 - 123		09/20/13 07:08	1

## Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		4.7		ug/L		09/19/13 05:36	09/19/13 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		52 - 151	09/19/13 05:36	09/19/13 14:29	1
2-Fluorobiphenyl	84		44 - 120	09/19/13 05:36	09/19/13 14:29	1
2-Fluorophenol	47		17 - 120	09/19/13 05:36	09/19/13 14:29	1
Nitrobenzene-d5	79		42 - 120	09/19/13 05:36	09/19/13 14:29	1
Phenol-d5	32		10 - 120	09/19/13 05:36	09/19/13 14:29	1
p-Terphenyl-d14	90		22 - 125	09/19/13 05:36	09/19/13 14:29	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		4.9		mg/L		09/23/13 01:28	09/23/13 01:28	1
Phenolics, Total Recoverable	ND		0.010		mg/L		09/19/13 12:00	09/19/13 19:07	1
Cyanide, Total	0.022		0.010		mg/L		09/23/13 03:58	09/23/13 12:11	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.98	HF	0.100		SU			09/18/13 19:15	1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 480-45999-2**

**Date Collected: 09/17/13 00:00**

**Matrix: Water**

**Date Received: 09/18/13 01:30**

## Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/L			09/20/13 07:31	1
Chloroform	ND		5.0		ug/L			09/20/13 07:31	1
Ethylbenzene	ND		5.0		ug/L			09/20/13 07:31	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			09/20/13 07:31	1
Tetrachloroethene	ND		5.0		ug/L			09/20/13 07:31	1
Toluene	ND		5.0		ug/L			09/20/13 07:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		72 - 130		09/20/13 07:31	1
4-Bromofluorobenzene (Surr)	101		69 - 121		09/20/13 07:31	1
Toluene-d8 (Surr)	99		70 - 123		09/20/13 07:31	1

TestAmerica Buffalo

# Client Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Client Sample ID: System Composite 0913

Lab Sample ID: 480-45999-3

Date Collected: 09/17/13 11:10

Matrix: Water

Date Received: 09/18/13 01:30

### Method: 625 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1
2,4-Dichlorophenol	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1
2-Chlorophenol	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1
4-Chloro-3-methylphenol	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1
Naphthalene	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1
Pentachlorophenol	ND		4.8		ug/L		09/19/13 05:37	09/19/13 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		52 - 151	09/19/13 05:37	09/19/13 14:53	1
2-Fluorobiphenyl	85		44 - 120	09/19/13 05:37	09/19/13 14:53	1
2-Fluorophenol	46		17 - 120	09/19/13 05:37	09/19/13 14:53	1
Nitrobenzene-d5	78		42 - 120	09/19/13 05:37	09/19/13 14:53	1
p-Terphenyl-d14	90		22 - 125	09/19/13 05:37	09/19/13 14:53	1
Phenol-d5	32		10 - 120	09/19/13 05:37	09/19/13 14:53	1

### Method: 608 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.047		ug/L		09/19/13 07:43	09/20/13 15:56	1
alpha-BHC	ND		0.047		ug/L		09/19/13 07:43	09/20/13 15:56	1
beta-BHC	ND		0.047		ug/L		09/19/13 07:43	09/20/13 15:56	1
delta-BHC	ND		0.047		ug/L		09/19/13 07:43	09/20/13 15:56	1
gamma-BHC (Lindane)	ND		0.047		ug/L		09/19/13 07:43	09/20/13 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		23 - 120	09/19/13 07:43	09/20/13 15:56	1
Tetrachloro-m-xylene	79		36 - 120	09/19/13 07:43	09/20/13 15:56	1

### Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020		mg/L		09/18/13 08:30	09/18/13 19:37	1
Arsenic	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:37	1
Cadmium	0.0032		0.0010		mg/L		09/18/13 08:30	09/18/13 19:37	1
Chromium	ND		0.0040		mg/L		09/18/13 08:30	09/18/13 19:37	1
Copper	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:37	1
Lead	ND		0.0050		mg/L		09/18/13 08:30	09/18/13 19:37	1
Nickel	0.014		0.010		mg/L		09/18/13 08:30	09/18/13 19:37	1
Selenium	ND		0.015		mg/L		09/18/13 08:30	09/18/13 19:37	1
Silver	ND		0.0030		mg/L		09/18/13 08:30	09/18/13 19:37	1
Thallium	ND		0.020		mg/L		09/18/13 08:30	09/18/13 19:37	1
Zinc	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:37	1

### Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/18/13 08:30	09/18/13 11:59	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.010		mg/L			09/18/13 10:25	1

TestAmerica Buffalo

# Surrogate Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 624 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (72-130)	BFB (69-121)	TOL (70-123)
480-45999-1	System Grab 0913	104	100	99
480-45999-2	Trip Blank	101	101	99
LCS 480-140039/8	Lab Control Sample	95	101	100
MB 480-140039/9	Method Blank	98	100	99
<b>Surrogate Legend</b>				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

## Method: 625 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-151)	FBP (44-120)	2FP (17-120)	NBZ (42-120)	PHL (10-120)	TPH (22-125)
480-45999-1	System Grab 0913	91	84	47	79	32	90
480-45999-3	System Composite 0913	90	85	46	78	32	90
LCS 480-139871/2-A	Lab Control Sample	91	79	49	79	34	97
MB 480-139871/1-A	Method Blank	83	75	46	76	32	97
<b>Surrogate Legend</b>							
TBP = 2,4,6-Tribromophenol							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPH = p-Terphenyl-d14							

## Method: 608 - Organochlorine Pesticides in Water

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (23-120)	TCX1 (36-120)
480-45999-3	System Composite 0913	78	79
LCS 480-139893/2-A	Lab Control Sample	56	70
MB 480-139893/1-A	Method Blank	65	70
<b>Surrogate Legend</b>			
DCB = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

# QC Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 624 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-140039/9

Matrix: Water

Analysis Batch: 140039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/L			09/19/13 16:35	1
Chloroform	ND		5.0		ug/L			09/19/13 16:35	1
Ethylbenzene	ND		5.0		ug/L			09/19/13 16:35	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/L			09/19/13 16:35	1
Tetrachloroethene	ND		5.0		ug/L			09/19/13 16:35	1
Toluene	ND		5.0		ug/L			09/19/13 16:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		09/19/13 16:35	1
4-Bromofluorobenzene (Surr)	100		69 - 121		09/19/13 16:35	1
Toluene-d8 (Surr)	99		70 - 123		09/19/13 16:35	1

Lab Sample ID: LCS 480-140039/8

Matrix: Water

Analysis Batch: 140039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	20.0	19.7		ug/L		99	37 - 151
Chloroform	20.0	19.5		ug/L		98	51 - 138
Ethylbenzene	20.0	20.2		ug/L		101	37 - 162
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		95	46 - 157
Tetrachloroethene	20.0	20.2		ug/L		101	64 - 148
Toluene	20.0	19.9		ug/L		99	47 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		72 - 130
4-Bromofluorobenzene (Surr)	101		69 - 121
Toluene-d8 (Surr)	100		70 - 123

## Method: 625 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-139871/1-A

Matrix: Water

Analysis Batch: 139940

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1
2,4-Dichlorophenol	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1
2-Chlorophenol	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1
Naphthalene	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1
Pentachlorophenol	ND		5.0		ug/L		09/19/13 05:36	09/19/13 10:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		52 - 151	09/19/13 05:36	09/19/13 10:55	1
2-Fluorobiphenyl	75		44 - 120	09/19/13 05:36	09/19/13 10:55	1
2-Fluorophenol	46		17 - 120	09/19/13 05:36	09/19/13 10:55	1

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# QC Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 625 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-139871/1-A

Matrix: Water

Analysis Batch: 139940

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139871

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	76		42 - 120	09/19/13 05:36	09/19/13 10:55	1
Phenol-d5	32		10 - 120	09/19/13 05:36	09/19/13 10:55	1
p-Terphenyl-d14	97		22 - 125	09/19/13 05:36	09/19/13 10:55	1

Lab Sample ID: LCS 480-139871/2-A

Matrix: Water

Analysis Batch: 139940

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139871

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	50.0	47.2		ug/L		94	37 - 144
2,4-Dichlorophenol	50.0	45.2		ug/L		90	39 - 135
2-Chlorophenol	50.0	40.6		ug/L		81	23 - 134
4-Chloro-3-methylphenol	50.0	45.6		ug/L		91	22 - 147
Naphthalene	50.0	39.7		ug/L		79	21 - 133
Pentachlorophenol	100	93.4		ug/L		93	14 - 176

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	91		52 - 151
2-Fluorobiphenyl	79		44 - 120
2-Fluorophenol	49		17 - 120
Nitrobenzene-d5	79		42 - 120
Phenol-d5	34		10 - 120
p-Terphenyl-d14	97		22 - 125

## Method: 608 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-139893/1-A

Matrix: Water

Analysis Batch: 140356

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.050		ug/L		09/19/13 07:43	09/20/13 09:38	1
alpha-BHC	ND		0.050		ug/L		09/19/13 07:43	09/20/13 09:38	1
beta-BHC	ND		0.050		ug/L		09/19/13 07:43	09/20/13 09:38	1
delta-BHC	ND		0.050		ug/L		09/19/13 07:43	09/20/13 09:38	1
gamma-BHC (Lindane)	ND		0.050		ug/L		09/19/13 07:43	09/20/13 09:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		23 - 120	09/19/13 07:43	09/20/13 09:38	1
Tetrachloro-m-xylene	70		36 - 120	09/19/13 07:43	09/20/13 09:38	1

Lab Sample ID: LCS 480-139893/2-A

Matrix: Water

Analysis Batch: 140356

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.500	0.345		ug/L		69	35 - 120

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# QC Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 608 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: LCS 480-139893/2-A

Matrix: Water

Analysis Batch: 140356

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139893

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
alpha-BHC	0.500	0.427		ug/L		85	54 - 125
beta-BHC	0.500	0.466		ug/L		93	39 - 138
delta-BHC	0.500	0.444		ug/L		89	50 - 138
gamma-BHC (Lindane)	0.500	0.442		ug/L		88	54 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	56		23 - 120
Tetrachloro-m-xylene	70		36 - 120

## Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-139625/1-A

Matrix: Water

Analysis Batch: 139950

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020		mg/L		09/18/13 08:30	09/18/13 19:03	1
Arsenic	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:03	1
Cadmium	ND		0.0010		mg/L		09/18/13 08:30	09/18/13 19:03	1
Chromium	ND		0.0040		mg/L		09/18/13 08:30	09/18/13 19:03	1
Copper	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:03	1
Lead	ND		0.0050		mg/L		09/18/13 08:30	09/18/13 19:03	1
Nickel	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:03	1
Selenium	ND		0.015		mg/L		09/18/13 08:30	09/18/13 19:03	1
Silver	ND		0.0030		mg/L		09/18/13 08:30	09/18/13 19:03	1
Thallium	ND		0.020		mg/L		09/18/13 08:30	09/18/13 19:03	1
Zinc	ND		0.010		mg/L		09/18/13 08:30	09/18/13 19:03	1

Lab Sample ID: LCS 480-139625/2-A

Matrix: Water

Analysis Batch: 139950

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.200	0.209		mg/L		104	85 - 115
Arsenic	0.200	0.203		mg/L		102	85 - 115
Cadmium	0.200	0.201		mg/L		100	85 - 115
Chromium	0.200	0.209		mg/L		105	85 - 115
Copper	0.200	0.203		mg/L		102	85 - 115
Lead	0.200	0.203		mg/L		101	85 - 115
Nickel	0.200	0.205		mg/L		102	85 - 115
Selenium	0.200	0.211		mg/L		105	85 - 115
Silver	0.0500	0.0522		mg/L		104	85 - 115
Thallium	0.200	0.206		mg/L		103	85 - 115
Zinc	0.200	0.212		mg/L		106	85 - 115

TestAmerica Buffalo

# QC Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 480-139641/1-A  
Matrix: Water  
Analysis Batch: 139778

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 139641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/18/13 08:30	09/18/13 11:24	1

Lab Sample ID: LCS 480-139641/2-A  
Matrix: Water  
Analysis Batch: 139778

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 139641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00653		mg/L		98	85 - 115

## Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 480-140522/1-A  
Matrix: Water  
Analysis Batch: 140523

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 140522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	ND		5.0		mg/L		09/23/13 01:28	09/23/13 01:28	1

Lab Sample ID: LCS 480-140522/2-A  
Matrix: Water  
Analysis Batch: 140523

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 140522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	40.0	42.00		mg/L		105	78 - 114

## Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 480-140100/1-A  
Matrix: Water  
Analysis Batch: 140121

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 140100

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolics, Total Recoverable	ND		0.010		mg/L		09/19/13 12:00	09/19/13 19:06	1

Lab Sample ID: LCS 480-140100/2-A  
Matrix: Water  
Analysis Batch: 140121

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 140100

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenolics, Total Recoverable	0.100	0.102		mg/L		102	90 - 110

TestAmerica Buffalo

# QC Sample Results

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 480-139755/3

Matrix: Water

Analysis Batch: 139755

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.010		mg/L			09/18/13 10:25	1

Lab Sample ID: LCS 480-139755/4

Matrix: Water

Analysis Batch: 139755

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.0500	0.0478		mg/L		96	85 - 115

Lab Sample ID: 480-45999-3 DU

Matrix: Water

Analysis Batch: 139755

Client Sample ID: System Composite 0913

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND		ND		mg/L		NC	15

## Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 480-140526/1-A

Matrix: Water

Analysis Batch: 140654

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 140526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		09/23/13 03:58	09/23/13 11:57	1

Lab Sample ID: LCS 480-140526/2-A

Matrix: Water

Analysis Batch: 140654

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 140526

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.250	0.259		mg/L		104	90 - 110

## Method: SM 4500 H+ B - pH

Lab Sample ID: LCS 480-139840/1

Matrix: Water

Analysis Batch: 139840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Lab Sample ID: 480-45999-1 DU

Matrix: Water

Analysis Batch: 139840

Client Sample ID: System Grab 0913

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.98	HF	7.990		SU		0.1	5

TestAmerica Buffalo

## QC Association Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

### GC/MS VOA

#### Analysis Batch: 140039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	624	
480-45999-2	Trip Blank	Total/NA	Water	624	
LCS 480-140039/8	Lab Control Sample	Total/NA	Water	624	
MB 480-140039/9	Method Blank	Total/NA	Water	624	

### GC/MS Semi VOA

#### Prep Batch: 139871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	625	
480-45999-3	System Composite 0913	Total/NA	Water	625	
LCS 480-139871/2-A	Lab Control Sample	Total/NA	Water	625	
MB 480-139871/1-A	Method Blank	Total/NA	Water	625	

#### Analysis Batch: 139940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	625	139871
480-45999-3	System Composite 0913	Total/NA	Water	625	139871
LCS 480-139871/2-A	Lab Control Sample	Total/NA	Water	625	139871
MB 480-139871/1-A	Method Blank	Total/NA	Water	625	139871

### GC Semi VOA

#### Prep Batch: 139893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	3510C	
LCS 480-139893/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-139893/1-A	Method Blank	Total/NA	Water	3510C	

#### Analysis Batch: 140356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	608	139893
LCS 480-139893/2-A	Lab Control Sample	Total/NA	Water	608	139893
MB 480-139893/1-A	Method Blank	Total/NA	Water	608	139893

### Metals

#### Prep Batch: 139625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	200.7	
LCS 480-139625/2-A	Lab Control Sample	Total/NA	Water	200.7	
MB 480-139625/1-A	Method Blank	Total/NA	Water	200.7	

#### Prep Batch: 139641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	245.1	
LCS 480-139641/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 480-139641/1-A	Method Blank	Total/NA	Water	245.1	

TestAmerica Buffalo

# QC Association Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

## Metals (Continued)

### Analysis Batch: 139778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	245.1	139641
LCS 480-139641/2-A	Lab Control Sample	Total/NA	Water	245.1	139641
MB 480-139641/1-A	Method Blank	Total/NA	Water	245.1	139641

### Analysis Batch: 139950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	200.7 Rev 4.4	139625
LCS 480-139625/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	139625
MB 480-139625/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	139625

## General Chemistry

### Analysis Batch: 139755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-3	System Composite 0913	Total/NA	Water	7196A	
480-45999-3 DU	System Composite 0913	Total/NA	Water	7196A	
LCS 480-139755/4	Lab Control Sample	Total/NA	Water	7196A	
MB 480-139755/3	Method Blank	Total/NA	Water	7196A	

### Analysis Batch: 139840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	SM 4500 H+ B	
480-45999-1 DU	System Grab 0913	Total/NA	Water	SM 4500 H+ B	
LCS 480-139840/1	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	

### Prep Batch: 140100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	Distill/Phenol	
LCS 480-140100/2-A	Lab Control Sample	Total/NA	Water	Distill/Phenol	
MB 480-140100/1-A	Method Blank	Total/NA	Water	Distill/Phenol	

### Analysis Batch: 140121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	420.4	140100
LCS 480-140100/2-A	Lab Control Sample	Total/NA	Water	420.4	140100
MB 480-140100/1-A	Method Blank	Total/NA	Water	420.4	140100

### Prep Batch: 140522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	1664A	
LCS 480-140522/2-A	Lab Control Sample	Total/NA	Water	1664A	
MB 480-140522/1-A	Method Blank	Total/NA	Water	1664A	

### Analysis Batch: 140523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	1664A	140522
LCS 480-140522/2-A	Lab Control Sample	Total/NA	Water	1664A	140522
MB 480-140522/1-A	Method Blank	Total/NA	Water	1664A	140522

TestAmerica Buffalo

## QC Association Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

### General Chemistry (Continued)

#### Prep Batch: 140526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	SM 4500 CN C	
LCS 480-140526/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN C	
MB 480-140526/1-A	Method Blank	Total/NA	Water	SM 4500 CN C	

#### Analysis Batch: 140654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-45999-1	System Grab 0913	Total/NA	Water	SM 4500 CN E	140526
LCS 480-140526/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	140526
MB 480-140526/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	140526



# Lab Chronicle

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

**Client Sample ID: System Grab 0913**

**Date Collected: 09/17/13 11:10**

**Date Received: 09/18/13 01:30**

**Lab Sample ID: 480-45999-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	140039	09/20/13 07:08	TRB	TAL BUF
Total/NA	Prep	625			139871	09/19/13 05:36	KEB	TAL BUF
Total/NA	Analysis	625		1	139940	09/19/13 14:29	ANM	TAL BUF
Total/NA	Analysis	SM 4500 H+ B		1	139840	09/18/13 19:15	KS	TAL BUF
Total/NA	Prep	Distill/Phenol			140100	09/19/13 12:00	CLT	TAL BUF
Total/NA	Analysis	420.4		1	140121	09/19/13 19:07	NCH	TAL BUF
Total/NA	Prep	1664A			140522	09/23/13 01:28	RMB	TAL BUF
Total/NA	Analysis	1664A		1	140523	09/23/13 01:28	RMB	TAL BUF
Total/NA	Prep	SM 4500 CN C			140526	09/23/13 03:58	KWJ	TAL BUF
Total/NA	Analysis	SM 4500 CN E		1	140654	09/23/13 12:11	KMF	TAL BUF

**Client Sample ID: Trip Blank**

**Date Collected: 09/17/13 00:00**

**Date Received: 09/18/13 01:30**

**Lab Sample ID: 480-45999-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	140039	09/20/13 07:31	TRB	TAL BUF

**Client Sample ID: System Composite 0913**

**Date Collected: 09/17/13 11:10**

**Date Received: 09/18/13 01:30**

**Lab Sample ID: 480-45999-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	625			139871	09/19/13 05:37	KEB	TAL BUF
Total/NA	Analysis	625		1	139940	09/19/13 14:53	ANM	TAL BUF
Total/NA	Prep	3510C			139893	09/19/13 07:43	MNF	TAL BUF
Total/NA	Analysis	608		1	140356	09/20/13 15:56	JAD	TAL BUF
Total/NA	Prep	245.1			139641	09/18/13 08:30	JRK	TAL BUF
Total/NA	Analysis	245.1		1	139778	09/18/13 11:59	JRK	TAL BUF
Total/NA	Prep	200.7			139625	09/18/13 08:30	NMD2	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	139950	09/18/13 19:37	JRK	TAL BUF
Total/NA	Analysis	7196A		1	139755	09/18/13 10:25	EGN	TAL BUF

## Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

## Certification Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

### Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	04-01-14

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
1664A	1664A	Water	Oil & Grease
SM 4500 H+ B		Water	pH

## Method Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
625	Semivolatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF
608	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
245.1	Mercury (CVAA)	EPA	TAL BUF
1664A	HEM and SGT-HEM	1664A	TAL BUF
420.4	Phenolics, Total Recoverable	MCAWW	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL BUF
SM 4500 CN E	Cyanide, Total	SM	TAL BUF
SM 4500 H+ B	pH	SM	TAL BUF

### Protocol References:

1664A = EPA-821-98-002

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

## Sample Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-45999-1	System Grab 0913	Water	09/17/13 11:10	09/18/13 01:30
480-45999-2	Trip Blank	Water	09/17/13 00:00	09/18/13 01:30
480-45999-3	System Composite 0913	Water	09/17/13 11:10	09/18/13 01:30

## Detection Limit Exceptions Summary

Client: CDM Smith, Inc.  
Project/Site: CDM Smith

TestAmerica Job ID: 480-45999-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Matrix	Analyte	Units	Client RL	Lab PQL
625	Water	Pentachlorophenol	ug/L	5.0	10

# Chain of Custody Record

<b>Client Information</b> Client Contact: Timothy Beaumont Company: CDM Smith, Inc. Address: One General Motors Drive City: Syracuse State, Zip: NY, 13206 Phone: 36380.99758 Email: beaumonttj@cdmsmith.com Project Name: CDM Smith/ Event Desc: Gloversville System Site: New York		Lab PM: Gray-Erdmann, Peggy J E-Mail: peggy.gray-erdmann@testamerica.com Carrier Tracking No(s): 480-39351-8470.1 Page: Page 1 of 1 Job #:	
<b>Analysis Requested</b> Due Date Requested: TAT Requested (days): PO #: 36380.99758 WO #: Project #: 48002647 SSOW#:		<b>Analysis Requested</b> 1664A_Calc - Oil & Grease 420.4 - Phenolics, Total Recoverable 624.5ml - (MOD) Priority Pollutant List - VOA - 62 625 - Pentachlorophenol only 4500_CN_E - Cyanide, Total SM4500_H+ - pH 200.7, 245.1 608_Pest - (MOD) Priority Pollutant Pesticides 625 - (MOD) Phenols + naphthalene 7196A - Cr (VI) Total Number of containers:	
<b>Sample Identification</b> System Grab 0913 Trip Blank System Composite 0913		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 1664A_Calc - Oil & Grease 420.4 - Phenolics, Total Recoverable 624.5ml - (MOD) Priority Pollutant List - VOA - 62 625 - Pentachlorophenol only 4500_CN_E - Cyanide, Total SM4500_H+ - pH 200.7, 245.1 608_Pest - (MOD) Priority Pollutant Pesticides 625 - (MOD) Phenols + naphthalene 7196A - Cr (VI) Total Number of containers:	
Sample Date 9/17/13 7/30/13 9/17/13		Sample Time 1110 - 1100	
Sample Type (C=Comp, G=grab) G C C		Preservation Code: Water Water Water	
Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air) Water Water Water		Special Instructions/Note: Special Instructions/Note:	
<b>Possible Hazard Identification</b> <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV (specify)			
<b>Sample Disposal</b> (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
<b>Special Instructions/QC Requirements:</b>			
<b>Empty Kit Relinquished by:</b> Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by: [Signature]		<b>Method of Shipment:</b> Date/Time: 9/17/13 19:30 Date/Time: 9-18-13 21:50 Date/Time:	
Company: CDM Smith Company: CDM Smith Company:		Company: CDM Smith Company: CDM Smith Company:	
Custody Seal No.: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: 2.741	



## Login Sample Receipt Checklist

Client: CDM Smith, Inc.

Job Number: 480-45999-1

**Login Number: 45999**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Wienke, Robert K**

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CDM Smith
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	True	Ok

## **Attachment D**

### **System Operational Data Summary (July 2013 – December 2013)**

**NG Gloversville (Hill St.) Site - Groundwater Treatment Facility  
Operational Data (July - December 2013)**

			NMH-1			NMH-6			Combined		FIT-500		FIC-500	FIT-900		POTW
		Accumulated Time Calculated	Flow Meter	Average Flow Calculated	Totalizer	Flow Meter	Average Flow Calculated	Totalizer	Total Instantaneous Influent Flow	Total Average Flow Calculated	Flow Rate	Totalizer	Flow Rate	Instantaneous Total Effluent Flow Rate	Totalizer	Mechanical Totalizer
		minutes	GPM	GPM	Gallons	GPM	GPM	Gallons	GPM	GPM	GPM	Gallons	GPM	GPM	Gallons	Gallons X 1000
2013		Total Minutes 525720	Average 61.67	Average 24.33	Total 12740608	Average 24.26	Average 4.78	Total 2497908	Average 85.70	Average 29.11	Average 70.02	Total 16785558	Average 70.02	Average 71.76	15132741	19032
	July	44460	59.35	27.69	1228137	22.45	5.83	256913	81.80	33.52	70.02	1679715	70.02	71.95	1589250	1902
	August	41850	60.38	25.74	1072288	23.23	5.61	236711	83.62	31.36	70.07	1476551	70.07	72.32	1399990	1672
	September	45990	61.09	25.89	1197058	24.54	4.81	220874	85.63	30.70	70.04	1547994	70.04	72.03	1468453	1753
	October	43185	62.94	25.68	1101139	24.99	4.17	179534	87.93	29.85	70.00	1381565	70.00	72.04	1308900	1559
	November	43230	63.89	25.47	1100508	25.15	4.36	188993	89.04	29.84	69.99	1374610	69.99	71.83	875194	1550
	December	46065	62.41	25.01	1157163	25.98	4.50	208360	88.39	29.52	69.99	1455845	69.99	70.56	1042231	1625