

Operation, Maintenance & Monitoring Checklist

Groundwater Treatment System
NYSDEC SSP/NOW Corporation Site
Town of Clinton, New York

This summary inspection checklist is to be completed during each site inspection. Note all items which require repair or maintenance. Use the last page to note any additional comments or usual events.

General:

Service by: SRG Weather/Temperature: Sunny - 87°
Date: 7-27-20 Arrival Time: 1000 Departure Time: 1445
Reason for Service Water Samples O+M

Inspection Items:

OK: Comments:

Site Appearance/Condition

X

Building Exterior

Entry Door

X

Overhead Door

X

Propane Tank

 %

X

Building Interior

Indication of Spills or Leaks

X

Building Heater

X

Phone System

X

Exhaust Fan

X

Fire Extinguisher

X

Floor Sump Pump

X

Groundwater Treatment System

Air Stripper (T-101)

X

Settling Tank (T-201)

X

Main Effluent Pump (P-201)

X

Stripper Blower (BL-101)

X

Indication of Alarm

X

Groundwater Treatment Wells

TW-1 Pump	(P-101)	<u>X</u>	_____
TW-1 Transducer	(PE-1)	<u>X</u>	_____
TW-1 Flow Meter	(FE-1)	<u>X</u>	_____
TW-2A Pump	(P-102)	<u>X</u>	_____
TW-2A Transducer	(PE-2)	<u>X</u>	_____
TW-2A Flow Meter	(FE-2)	<u>X</u>	_____
TW-3 Pump	(P-103)	_____	<u>off still needs</u>
TW-3 Transducer	(PE-3)	_____	<u>work to run in auto</u>
TW-3 Flow Meter	(FE-3)	<u>X</u>	_____

Instrumentation/Readings:

TW-1

Pumping Rate	(FE-1)	<u>0</u> GPM
Water Level Above Transducer	(PE-1)	<u>14.91</u> feet
Flow Meter Reading	(FE-1)	<u>9377700</u> gallons <u>CP 528674</u>
Pump Pressure		<u>0</u> psi

TW-2A

Pumping Rate	(FE-2)	<u>13</u> GPM
Water Level Above Transducer	(PE-2)	<u>16.18</u> feet
Flow Meter Reading	(FE-2)	<u>2633700</u> gallons <u>CP 21248713</u>
Pump Pressure		<u>0</u> psi

TW-3

Pumping Rate	(FE-3)	<u>3</u> GPM
Water Level Above Transducer	(PE-3)	<u>80.07</u> feet
Flow Meter Reading	(FE-3)	<u>6982800</u> gallons <u>CP 25839152</u>
Pump Pressure		<u>0</u> psi

Air Stripper

Stripper Blower Pressure		<u>13</u> inches H ₂ O
Air Temperature in Stripper		<u>54</u> °F
Pressure/Vacuum on the Stripper		<u>14</u> inches H ₂ O

Effluent Flow

Total System Meter Reading	(FE-4)	<u>20213506</u> gallons <u>GPM 38.2</u>
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Water Levels

Well ID	Water Level	Well ID	Water Level
MW-1	_____ ft b.m.p.	MW-7S	_____ ft b.m.p.
MW-2	_____ ft b.m.p.	MW-7D	_____ ft b.m.p.
MW-3	_____ ft b.m.p.	OW-1	_____ ft b.m.p.
MW-3S	_____ ft b.m.p.	OW-2	_____ ft b.m.p.
MW-4	_____ ft b.m.p.	OW-6	_____ ft b.m.p.
MW-4D	_____ ft b.m.p.	IW-1	_____ ft b.m.p.
MW-5	_____ ft b.m.p.	IW-2	_____ ft b.m.p.
MW-6S	_____ ft b.m.p.		
MW-6D	_____ ft b.m.p.		

Additional Wells (optional)

MW-8	_____ ft b.m.p.	TW-2A	_____ ft b.m.p.
MW-9	_____ ft b.m.p.	OW-3	_____ ft b.m.p.
MW-10	_____ ft b.m.p.	OW-4	_____ ft b.m.p.
MW-11	_____ ft b.m.p.	OW-5	_____ ft b.m.p.
MW-10	_____ ft b.m.p.		

Influent/Effluent Sampling

On a monthly basis, samples of the system influent and effluent must be collected and submitted for the following analyses:

- VOAs by EPA 8260
- Metals (Al, As, Ba, Cr, Cu, Fe, Mn, Hg, Ni, Zn)
- TDS
- TSS
- O&G
- Cyanide

pH measurements must be made in the field:

Influent pH 6.0

Effluent pH 7.0

Notes/Explanations

(Please include any additional information on those items which require attention as indicated above.)

* Sampled water.

* cleaned up spider webs

* cleaned and disinfected areas
or touch