134 Greenridge Drive, Manlius, NY 13104

April 22, 2024

Jolene Lozewski, P.G.
Remedial Section A, Bureau A
Division of Environmental Remediation
New York State Department of Environmental Conservation
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RE: Quarterly Monitoring Report: Groundwater Extraction and Treatment System
Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Dear Ms. Lozewski:

James Environmental Management (JEM) is submitting this quarterly report on behalf of 61 Edson Street, LLC (Owner) regarding the Ward Products Site, New York State Department of Environmental Conservation (NYSDEC) Site No. 429004, located at 61 Edson Street, Amsterdam, NY (the Site). The following paragraphs provide a brief Site background followed by a description of the observations and monthly monitoring reports for the first quarter of 2024 (January – March 2024).

BACKGROUND

A history of industrial use at the Site has resulted in the presence of several Chlorinated Volatile Organic Compounds (CVOCs) in groundwater. Previous remediation at the Site, included the removal of impacted soil between November 2008 and February 2009 and installation and operation of a groundwater extraction and treatment system (GWETS), resulted in the Site being designated Class 4. Ongoing operation, maintenance and monitoring (OM&M) of the GWETS is required. From June 2020 to February 2024, LaBella Associates performed the requisite inspections, sampling, and reporting along with maintenance and upgrades to the GWETS. Beginning in February 2024, JEM took over inspections, sampling, OM&M, and reporting responsibilities under contract to the Owner.

MONTHLY MONITORING ACTIVITIES

On 26 February 2024, JEM and its subcontractor, Ambient Environmental, Inc. (Ambient), mobilized to the Site to perform the monthly inspection of the GWETS and participate in the 'hand-off' meeting with Terry Bohn of LaBella Associates. During that meeting it was determined that the system total flow meter had 'maxed out' at 4,194,304 gallons on 22 January 2024. The meter and associated tracking were therefore reset as of 7 February 2024 to 27,760

gallons, a quantity calculated using the daily logged backup data from before 22 January 2024 to 7 February 2024. During this same meeting, several functions were temporarily placed in the off, on, and automatic settings to demonstrate full control in the event future maintenance or adjustment become necessary. The GWETS was inspected and found to be operational, the monthly inspection form for February 2024 was completed, and a hand-written copy of that form was filed inside the maintenance shed.

A monthly inspection was performed on 20 March 2024. The system was operating within normal parameters and the current status was logged accordingly. Additionally, during this quarterly inspection, the pH of the influent and effluent was measured using pH indicator paper. A more formal typed and printed version of the February 2024 monthly inspection form was filed in the binder located inside the maintenance shed on the Site, replacing the hand-written version. A hand-written version of the March 2024 inspection form was also filed inside the binder, which will be replaced with the more formal typed and printed version during the next monthly inspection visit.

Monthly inspection records are attached and a summary of GWETS conditions during each monthly inspection is presented below (*gallons since reset).

Inspection Date	Total Gallons	Gallons Since Last Inspection	Average Daily Gallons	MW-1 Influent Flow Meter	MW-2 Influent Flow Meter	Temperature Inside the System Shed
January 22	Reset	NR	NR	NR	NR	NR
February 26	38,996	11,236*	591.37	810,016.70	3,055,337.340	57 °F
March 20	52,140	13,144	571.48	814,161.01	3,139,360.175	61 °F

NR = Not Recorded during this monthly inspection.

Summary of water quality values:

Sample Date	Influent pH	Influent TCE	Influent Chromium	Effluent pH	Effluent TCE	Effluent Chromium
20 March 2024	7.4	NS	NS	8.2	NS	NS

NS = Not Sampled during this quarterly inspection (TCE and Chromium sampling and analyses are required on a semi-annual basis).

Please note that, being recovery wells RW-1 and RW-2 regularly 'run dry' during the month, recovery well pumps cycle on and off. The average total recovery rate (combined RW-1 and RW-2) for February and March were 0.41 gallons per minute (gpm) and 0.4 gpm, respectively.

CONCLUSIONS

Monthly inspections and observations indicate that the GWETS is continuing to function within normal parameters. The next monthly inspection will take place in mid-to-late April 2024 and the next semi-annual inspection including influent and effluent sampling will occur in mid-to-late June 2024.

Please contact me at (315) 263-3388 or by email (jfblasting@james-em.com) if you have questions or need additional information. Thank you.

Respectfully;
James Environmental Management

James F. Blasting, P.G.
Principal

CC: Richard A. Mustico, DEC
Bob Corcoran, DEC
Michael Murphy (OGC)
Justin Deming (DOH)
Renata Ockerby (DOH)
Linette Waling (61 Edson Street, LLC)
Salvatore Ferlazzo, Sticker Mule

Attachments

ATTACHMENT 1

FIRST QUARTER 2024 INSPECTION REPORTS

LaBella Associates, D.P.C.
Work Request Form

Date: 1-29-2024

Site Name:	Former Ward Products
Address:	61 Edson Street, Amsterdam, NY - Lock Code 0061
Site Owner:	Sticker Mule, LLC

NOTES: *SYS EFF pH = 7.0

RW-1:	**RW-2:**
TOC to GRADE: 0.25' **TOC to Pitless: 0.15'**	**TOC to GRADE: 0.6'** **TOC to Pitless: 3.5'**
Pump Depth (from Pitless): 73.15'	**Pump Depth (from Pitless): 40.7'**
Well Total Depth (from TOC): 77.4'	**Well Total Depth (from TOC): 44.25'**
DTW (static)/DTW (pumping): /	**DTW (static)/DTW (pumping):** /
PUMP OFF (CLOCK TIME): 2/8 min **PUMP ON (CLOCK TIME):**	**PUMP OFF (CLOCK TIME):** **PUMP ON (CLOCK TIME):**
FLOW RATE WHEN PUMPING:	**FLOW RATE WHEN PUMPING:**

GWE System Operational Data

GWE System	Arrival	Depart	GWE System	Arrival	Depart
Status (On/Off):	ON		*RW-02 Pressure (psi)*		
Pressure at Bag Filter (psi)	2.2		*Air Stripper Sump Pressure (in. H_2O)*	~~13~~ 9	
RW-01 Totalizer (Inside)	1010508	01190	*Air Stripper Stack Pressure (in. H_2O)*	0	
RW-01 Totalizer (Outside)	80025		*Stack PID (ppm)*	0	
RW-01 Pressure (psi)	8 PSI		*Stack Air Speed (fpm)*	862	
RW-2 Totalizer (Inside)	2269777		*Effluent pH Reading*	7.0	
RW-02 Totalizer (Outside)	—		*Shed Temperature (°F)*	50	

GWE Wells

Well ID	Diameter	TOC	DTW on Arrival	Pumping/Not Pumping	NOTES
RW-1	6"		53.62	NOT	
RW-2	6"		15.01	NOT	

SSDS Points

SSDS	In. H_2O	SSDS	In. H_2O	SSDS	In. H_2O
1-A	3.25	*2-C*	2.5	*5-A*	2.25
1-B	3.25	*3-A*	3.25	*5-B*	2.5
1-C	3.25	*3-B*	3.25	*6-A*	0.5
2-A	2.5	*4-A*	3.5	*6-B*	0.5
2-B	2.75	*4-B*	3.5		

Monthly Inspection Form
Former Ward Products Site, 61 Edson Street, Amsterdam, NY
NYSDEC Site No. 429004

Site Management Plan (SMP) requirements:

- Documentation of volume discharged to the City of Amsterdam POTW;
- Inspection of all treatment components;
- Documentation of all system operating pressures;
- Testing of system interlocks;
- Report any maintenance requirements or operations issues to PM within 24 hours.

Inspection performed by: Thomas Macomber (Printed Name) on 26 February 2024 (Date)

Weather: 39°F at 0930, sunny, forecast high of 48°F, sunrise at 0638, sunset at 1741, wind towards northeast at 7 mph, 53% humidity

Temperature inside treatment shed: 57°F

Is system running upon arrival: X Yes ___No
If no, did you determine the problem and restart system: ___Yes ___No X N/A

Describe: System was functioning properly. During 'hand-off' meeting, Terry Bohn of LaBella demonstrated manual overrides of several functions to demonstrate how the system normally functioned and how specific components could be adjusted/controlled as desired or for maintenance.

Any alarm conditions upon arrival: ___Yes X No If yes, describe: N/A

Flow meter readings: RW-1 810016.7 gallons RW-2 3055337.34 gallons

System Total Gallons Reading: 38996 gallons Tank Column Reading: 17 inches

Water samples collected: Influent ___Yes X No Effluent ___Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): Error warning light was blinking inside the control system housing. During the 'hand-off' meeting, Terry Bohn of LaBella directly connected and confirmed diagnosis of old PLC battery, used as backup warning; replaced battery and reset reminder for replacement for March 2026.

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Inspection performed by: Thomas Macomber (Printed Name) on 20 March 2024 (Date)

Weather: 40°F at 1023, mostly cloudy, forecast high of 44°F, sunrise at 0659, sunset at 1909, Wind towards ENE at 11 mph, 61% humidity

Temperature inside treatment shed: 61°F

Is system running upon arrival: X Yes ___No
If no, did you determine the problem and restart system: ___Yes ___No X N/A

Describe: _____

Any alarm conditions upon arrival: ___Yes X No If yes, describe: N/A

Flow meter readings: RW-1 814161.01 gallons RW-2 3139360.175 gallons

System Total Gallons Reading: 52140 gallons Tank Column Reading: 15 inches

Water samples collected: Influent ___Yes X No Effluent ___Yes X No
(if yes, attach Chain of Custody)

Other pertinent observations (add second page if needed): MW-1 pressure at 10 PSI, MW-2 pressure at 47.8 PSI, vent pressure at 46 PSI, stack pressure at 9.1 PSI, stack sump pressure at 0 PSI. Influent pH measured 7.4 using pH indicator paper. Effluent pH measured 8.2 using pH indicator paper.