

August 10, 2018

Mr. Michael Terpinski
Ohio EPA, NWDO, DERR
347 North Dunbridge Road
Bowling Green, OH 43402

Re: Envirosafe Services of Ohio, Inc.
EPA Identification Number: OHD 045 243 706
July 2018 Progress Report

Dear Mr. Terpinski:

In accordance with Condition E.13 of its Ohio Hazardous Waste Facility Installation and Operation Permit (the "Permit"), Envirosafe Services of Ohio, Inc. ("ESOI") hereby submits this progress report to the Ohio Environmental Protection Agency ("Ohio EPA") for the period beginning July 1, 2018 and ending July 31, 2018.

Corrective Measures Implementation ("CMI"):

Project Activities:

During this reporting period, CMI activities included the following:

1. Verified flow at each recovery well where leachate is present on July 6, 13, 19, 27, 2018.
2. Leachate system maintenance included:
 - Inspection of piezometers and recovery wells on SWMU 5, 6, and 7;
 - Recorded liquid level at each location with a control panel;
 - Verified functionality of all pumps without a control panel;
 - Installed pump and carbon drum for Leachate pilot test in Leachate Tank 6 Area;
 - Tornado pump installed in Leachate Tank 6;
 - Shut-off valves upstream and downstream of drum;
 - Pressure gauge installed to monitor inlet pressure;
 - Pre-drum and Post-drum sample ports installed for testing;
 - RW-1
 - Discharging poorly. Flushed buildup from valve assembly and improved flow.
 - PZ-13
 - Installed exhaust vent in airline to alleviate SWMU-5 controller moisture;
 - NRP-25
 - Bladder pump not functioning. Replaced with Reclaimer pump;
 - NRP-26
 - Reading below low point. Cleaned transducer. Pumping normally.

- SWMU 6 Compressor Shed:
 - Emptied moisture buckets;
 - Shed temperature above operating range of solenoid valves – suspected as cause for previous failures;
 - Installed temperature-controlled attic fan in SWMU-6 compressor shed to prevent overheating of solenoid valves and compressor.
 - Removed wasp nest from shed door;
 - SWMU 5 Compressor
 - Auto drain functioning, controller discharges moisture; and
3. Preparation of revised cost estimates and updated financial assurance mechanism;
 4. Preparation of a Class 2 modification request to modify the permit application to be consistent with the modifications of the revised permit;
 5. Preparation of preliminary design alternatives for the approved engineering controls; and
 6. Continued operation and monitoring of the leachate extraction systems on SWMUs 5, 6, and 7.

Summary of All CMI-Related Contacts with the Public:

ESOI has not had any related contacts with the public during this reporting period.

Summary of Potential or Encountered Problems and Rectification Actions:

There is nothing to report in association with this topic for this reporting period.

Projected Work:

During the next reporting period it is anticipated that the following activities will occur:

1. Submission of financial assurance documents for the approved corrective measures;
2. Submission of a modification request to update the permit application to be consistent with the revised permit;
3. Continued preparation of preliminary design alternatives for engineered controls consistent with the revised permit;
4. Installation of new monitoring wells consistent with the revised permit;
5. Schedule replacement of DPW-21 (this has been postponed due to onsite drilling of groundwater monitoring wells: R-26 and R-27);
6. Sample additional leachate at SWMU 5 Central relative to adjacent monitoring wells;

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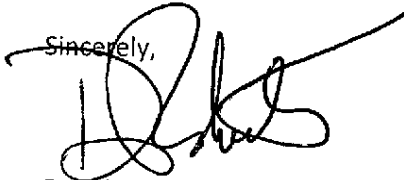
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7. Replace #2 solenoid valve on SWMU-6 compressor;
8. Continued evaluation of alternative pumps for leachate collection;
9. Sampling and evaluation of carbon drum filter at SWMU-6 leachate tank;
10. Continued redevelopment of leachate extraction wells in accordance with priority list, with the siltiest wells being addressed first as time and weather allows;
 - a. Priority redevelop of NRP-25, DPW-23, and NRP-30; and
11. Continued operation and maintenance of the leachate extraction systems on SWMUs 5, 6, and 7.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please do not hesitate to contact Stephen DeLussa at (215) 659-2001 ext. 15.

Sincerely,



Douglas E. Roberts
President

cc: Stephen DeLussa, Envirosource Technologies, Inc.
Mark Nielsen, Ramboll

Michael Momenee, The Mannik & Smith Group