



876 Otter Creek Road
Oregon, Ohio 43616-3518
Phone: (419) 698-3500
Fax (419) 698-8663
Website: www.envirosafeservices.com

July 5, 2022

VIA ELECTRONIC MAIL

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
 June 2022 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 June 1, 2022 and ending June 30, 2022.

Corrective Measures Implementation ("CMI"):

Project Activities:

During this reporting period, CMI activities included the following:

1. Continued coordination with Ohio EPA on the preparation of the Environmental Covenant;
2. Coordination for evaluation of the SWMU 7 roadway in the area of boring S7-202;
3. Leachate system maintenance included:
 - Inspection of piezometers and recovery wells on SWMUs 5, 6, and 7:
 - Recorded liquid level at each location with a control panel;
 - Verified functionality of all pumps without a control panel;
 - All pumps with a control panel were observed to be below their respective low points with the exception of: RW-11, DPW-18, 19, NRP-24, 25, 26, 27, 29, 30, 31, 33, 34, and 35;
 - RW-1, PZ-15, NRP-32: Timers were replaced and were then observed to be pumping with significant discharge;
 - RW-3 and DPW-23: Repaired damaged transducer cables;
 - RW-11: Lowered pumping interval to improve extraction – pump cycling normally;
 - PZ-13: Replaced clogged portion of discharge line, repaired damaged discharge line – began pumping with significant discharge;

- PZ-15: Repaired damaged discharge line, re-routed air and discharge lines (pinched in broken PVC riser) – began pumping with moderate discharge;
- NRP 26 and 33: Observed above their respective hi points – electrical short caused by a subsurface shift of electrical conduit, pinching the wires, wires and conduit joints were replaced and pumps began functioning normally;
- NRP-29: Replaced Grundfos pump, tubing, and cable – pumped down and began cycling within interval;
- NRP-30 and 34: Observed above their respective hi points, reset tripped circuit breaker at NRP-30 – both locations pumped down and began cycling;
- SWMU 5 Compressor: Drained moisture from controller, repaired power cable and reset tripped outlet breaker; and
- SWMU 6 Compressor: Emptied buckets, removed wasp nest from doorway, replaced two faulty timers and reconfigured each pump to operate off its own solenoid valve and timer – observed improved discharge from pneumatic pumps; compressor attic fan was observed to be functioning as designed;

4. Solar Sipper – inspected and found to be operating as designed; and

5. An update is being provided on the notice that was included in the March 2022 Progress Report. The following wells were reported in March to not demonstrate the performance standard: maintenance of the leachate head level measurement below a gradient based TLL of 3.0 feet below the lowest groundwater elevation in the relevant shallow perimeter monitoring well(s). The quarterly update is provided below:

<u>Well</u>	<u>March</u>	<u>June</u>	<u>Comment</u>
RW-11:	2.5 feet	4.6 feet	performance standard achieved
PZ-13:	1.9 feet	1.7 feet	Verifying pump elevation is at adequate depth (well is kinked-shifted) and will adjust as needed
NRP-31:	1.0 feet	4.8 feet	performance standard achieved
NRP-25:	0.2 feet	8.3 feet	performance standard achieved
NRP-26:	2.3 feet	0.56 feet	Electrical short identified in late June and repaired, immediate improvement observed
NRP-30*:	0.3 feet	10.3 feet	performance standard achieved
DPW-19*:	-2.9 feet	4.0 feet	performance standard achieved
NRP-35*:	-1.1 feet	2.0 feet	level consistent with other interior piezometers where performance standard is achieved. No IGWMP well comparison in close proximity available

* These wells are not compared to IGWMP Wells as there are none in close proximity. They are listed as a point of reference to corrective actions wells on the edge of waste directly between and adjacent to other landfill units.

Summary of All CMI-Related Contacts with the Public:

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

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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. Perform yield tests on all active leachate recovery wells;
2. Evaluation of RW-11 pump elevation;
3. Preparation and submission of a Corrective Measures Completion of Work Report for the northern property line excavation at SWMU 6 for submission;
4. Development of an O&M Plan for the newly installed SWMU 8 extraction wells and gas vents through June;
5. Action on the Environmental Covenant pending Ohio EPA review of the draft document;
6. Evaluation of the SWMU 7 roadway in the area of boring S7-202; and
7. 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: Gary Deutschman, Ohio EPA-NWDO, DERR
Stephen DeLussa, Envirosource Technologies, Inc.
Michael Momenee, The Mannik & Smith Group

Dawn Pleiman, Ohio EPA-NWDO, DERR
Mark Nielsen, Ramboll