

876 Otter Creek Road Oregon, Ohio 43616-3518 Phone: (419) 698-3500

Fax (419) 698-8663

Website: www.envirosafeservices.com

March 9, 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

February 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 February 1, 2018 and ending February 28, 2018.

Corrective Measures Implementation ("CMI"):

Project Activities:

During this reporting period, CMI activities included the following:

1. On February 22, 2018 in accordance with the compliance plan of action, ESOI completed monthly elevation monitoring at the following wells which exceeded their respective TLLs in the prior month.

SWMU 5 Central: 557.1
PZ-5: 569.03
PZ-6: 561.24
PZ-7: 560.10
PZ-21: 562..08

SWMU 6: 566.9

DPW-16: (well not usable - nearby replacement NRP-32 is operating)

NRP-25: 585.11
 NPR-26: 577.46
 SWMU 7: 570.8

PZ-10: (well not usable - nearby wells are operating)

• PZ-11: 574.90

DPW-20: (well not usable - nearby wells are operating)

- 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;
 - Drained SWMU-5 compressor and controller moisture;
 - All control panels on SWMU-5 found dark / not pumping;

- Reset circuit breaker near storage tanks and repeated inspection;
- Water found in NRP-24 control panel box; and
- o Insulated water drums on redevelopment trailer;
- RW-1
 - o Well redeveloped with inertia pump; and
 - Discharging very little following redevelopment pump may need to be cleaned or replaced;
- PZ-6
 - Well is slightly warped in screen section but not an issue at this time;
- PZ-13
 - Discharge line frozen;
 - Repaired discharge line and drained water from airline; and
 - Discharge line (brittle/spliced) and airline (clogged); replaced both the airline and discharge tubing;
- PZ-15
 - Replaced discharge tubing and repaired airline leak;
- DPW-21
 - Well is warped and pump has failed and is stuck;
- NRP-27
 - Reading negative;
- NRP-29
 - Reading "HiPH2" valves frozen;
- NRP-33
 - o Reading "HiP." Discharge minimal. Turned pump off and pulled for replacement; and
 - Well redeveloped with inertia pump (except 2" piezometer);
- SWMU 6 Compressor Shed:
 - o Manually drained compressor and emptied buckets;
 - o Installed new auto-drain and set to previous timing;
 - Verified moisture drain working for SWMU-6 compressor;
 - o Installed door latch to prevent wind from opening; and
 - o Additional screws in metal roof may be needed due to wind.
- 3. Preparation of Annual Report;
- 4. Preparation of sampling plan to sample SWMU leachate relative to adjacent monitoring wells;
- 5. Correspondence with Toledo regarding leachate disposal of non-hazardous wastewater into POTW;
- 6. Audit of Cousins Waste Control (PSC) for disposal of SWMU wastewater;
- Preparation and submission of comments on the Director Initiated Modification Draft Permit to incorporate corrective measures/remedies and corrective action ground water monitoring requirements into ESOI's permit; and
- 8. 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.

<u>Summary of Potential or Encountered Problems and Rectification Actions:</u>

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. Installation of auto-drain for SWMU-5 compressor moisture;
- 2. Replacement / cleaning of RW-1 pump;
- 3. Replacement of DRP-19 control panel display;
- 4. Evaluate replacement of DPW-21;
- 5. Evaluate NRP-27 control panel;
- 6. Evaluate NRP-29 valves;
- 7. Replacement of NRP-33 pump;
- 8. Evaluate control panels where water was observed and make water-tight;
- 9. Disposal of accumulated non-hazardous leachate in AOC 7; and
- Continued redevelopment of leachate extraction wells in accordance with priority list, with the siltiest wells being addressed first as time and weather allows;
- 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 duestions, please do not hesitate to contact Stephen DeLussa at (215) 659-2001 ext. 15.

Douglas E. Roberts

President

Sincerely,

ec: