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October 8, 2015

Ms. Lynn Ackerson  
Ohio EPA, NWDO  
347 North Dunbridge Road  
Bowling Green, OH 43402

**Re: EnviroSAFE Services of Ohio, Inc.  
Oregon, Lucas County, Ohio  
EPA Identification Number: OHD 045 243 706; Ohio Permit Number: 03-48-0092  
September 2015 Progress Report**

Dear Ms. Ackerson:

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 September 1, 2015 and ending September 30, 2015.

### **Corrective Measures Study ("CMS"):**

#### **Project Activities and Summary of Findings to Date:**

During this reporting period, CMS activities included the following:

1. ESOI review and formulation of response to Ohio EPA comments dated May 5, 2015.

#### **Summary of All CMS-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.

#### **Changes in Personnel:**

There have been no changes to CMS personnel during this reporting period.

#### **Projected Work:**

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

1. ESOI review and formulation of response to Ohio EPA comments dated May 5, 2015.

## **Corrective Measures Implementation (“CMI”):**

### **Project Activities:**

During this reporting period, CMI activities included the following:

1. On September 28 and 29, 2015 in accordance with the compliance plan of action at SWMU 6, ESOI completed monthly elevation monitoring at the following wells. DPW-16, NRP-25, and NRP-26 which had exceeded the TLL of 566.9 in the prior month.
  - DPW-16: 572.51 (well no longer usable – a nearby replacement well RW-32 is now operating)
  - NRP-25: 570.94
  - NRP-26: 571.61
2. On September 2 and 3, 2015 in accordance with the compliance plan of action at SWMU 7, ESOI completed monthly elevation monitoring at the following wells. PZ-10, NRP-29, and NRP-30 which had exceeded the TLL of 570.8 in the prior month. Since NRP-29 and 30 did not exceed the TLL this month, they will be placed back on the quarterly schedule. This unit has responded very well to previously completed repairs and operation of the new extraction wells.
  - PZ-10: 572.71
  - NRP-29: 568.00
  - NRP-30: 569.70
3. MSG continued redevelopment of all wells and piezometers for SWMU 5, 6 & 7. The redevelopment strategy will help improve leachate extraction efficiency, identify and fix wells that are not able to reach compliance, and complete general maintenance. An inertia pump, HDPE tubing, surge block and foot valve were used to remove oily and silty material from the wells until leachate contained minimal NAPL and silt. Simple Green® was added to breakup oily material and clean the well screen. The following wells were redeveloped:

#### **SWMU 6**

- NRP-26 (continued from August)
  - NRP-27
  - NRP-28
  - NRP-33
  - RW-8 (pump is wedged in well and cannot be pulled, Simple Green® was added and the leachate/Simple Green® mixture was continuously cycled from the test valve back into the well for about 4 hours, pump is still operating)
4. Preparation of modifications to the OMPM Plan to document incorporation of the new and converted wells;
  5. Work on expedited corrective measures outlined in the CMS Report:
    - Storm water management is being improved on and around SWMUs 5, 6, and 7 through improvements to existing swales and construction of new intermediate drainage ditches on the side slopes of SWMUs 6 and 7: All grading and liner work has been completed on SWMUs 5, 6, and 7 with the exception of a new small retention pond at NPDES outfall 012. Upon approval from Ohio EPA, ESOI will abandon inactive gas vents that will provide for a larger and more effective retention pond at outfall 12. In conjunction with the outfall

construction, waste materials identified in the RFI and CMS reports will need to be excavated. A plan for the excavation is being prepared by Ramboll Environ; 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. Preparation of modifications to the OMPM Plan to document incorporation of the 4 new and/or replacement leachate extraction wells NRP-32 thru NRP-35 and conversion of the 3 existing piezometers to dual purpose extraction wells and piezometers PZ-21 thru PZ-23;
2. Abandonment of inactive gas vents that will provide for a larger and more effective retention pond at outfall 12 (upon approval of Ohio EPA);
3. Excavation for new retention pond at NPDES outfall 012 and excavation of waste outside fence line near the new pond (following abandonment of inactive gas vents);
4. Monitoring of leachate levels in SWMUs 5, 6 and 7;
5. Continued operation and maintenance of the leachate extraction systems on SWMUs 5, 6, and 7; and
6. Continued work on the storm water management improvements around 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