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October 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
 September 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 September 1, 2018 and ending September 30, 2018.

Corrective Measures Implementation ("CMI"):

Project Activities:

During this reporting period, CMI activities included the following:

1. All interior piezometers were measured on the following dates: SWMUs 5, 6, and 7 September 20, 2018. The following is documentation that:
 - SWMUs 5, 6, and 7 are maintaining an inward gradient. Each deep interior piezometer is at an elevation at least 3.0 feet below the lowest ground water elevation in the relevant shallow perimeter monitoring well(s) as defined in the daft Table 1.0 of the Operation, Maintenance, and Performance Monitoring Plan (OMPM Plan)

					Highest / Lowest	Difference (out-in)
<u>SWMU 5 - Central</u>						
Interior Piezometers	PZ-5	NRP-24				
	569.53	555.26			569.53	
Exterior Wells	F-1S	MR-4S	MR-7S			8
	584.81	583.27	577.28			577.28
<hr/>						
Interior Piezometers	RW-3	PZ-6				
	554.66	560.64			560.64	
Exterior Wells	F-1S	MR-7S				17
	584.81	577.28			577.28	
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Interior Piezometers	PZ-7	RW-11	PZ-22	PZ-23		
	559.90	553.96	549.54	544.29	559.90	

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								Highest / Lowest	Difference (out-in)
Exterior Wells	F-1S	MR-1SA	MR-5S					580.08	20
	584.81	580.08	580.57						
<u>SWMU 5 - West</u>									
Interior Piezometers	PZ-13							564.09	
	564.09								
Exterior Wells	MR-2S	MR-6S						574.49	10
	576.66	574.49							
Interior Piezometers	NRP-31							564.24	
	564.24								
Exterior Wells	MR-6S	MR-7S						574.49	10
	574.49	577.28							
<u>SWMU 6</u>									
Interior Piezometers	NRP-25							574.81	
	574.81								
Exterior Wells	SW-1S							585.21	10
	585.21								
Interior Piezometers	NRP-26							578.96	
	578.96								
Exterior Wells	SW-2S							585.95	7
	585.95								
Interior Piezometers	RW-1	PZ-1	PZ-2	PZ-3	PZ-15	NRP-27	NRP-28	567.28	
	553.04	574.64	571.78	562.07	562.90	567.28	560.48		
Exterior Wells	SW-3S							587.02	20
	587.02								
Interior Piezometers	NRP-32	NRP-33						579.53	
	579.53	574.04							
Exterior Wells	H-2SA	SW-3S	T-5S	T-8S				587.02	7
	587.94	587.02	589.41	589.89					
<u>SWMU 7</u>									
Interior Piezometers	NRP-29							570.87	
	570.87								
Exterior Wells	H-2SA	SW-3S	T-5S	T-8S				587.02	16
	587.94	587.02	589.41	589.89					
Interior Piezometers	PZ-9	NRP-30	RW-34					580.98	
	580.98	569.70	574.41						
Exterior Wells	T-8S							589.89	9
	589.89								
Interior Piezometers	RW-2	PZ-11	DPW-18					573.10	
	568.97	573.10	570.68						
Exterior Wells	T-5S	T-15S						589.41	16
	589.41	590.27							

			Highest / Lowest	Difference (out-in)
Interior Piezometers	DPW-19	NRP-35		
	570.20	572.88	572.88	
Exterior Wells	T-15S	T-43S		12
	590.27	584.86	584.86	

*The OMPM Plan requires the 4th quarter shallow perimeter monitoring well elevations be used to establish the TLL until the 4th quarter of the following year. Since this program was approved in June of 2018, the elevations taken in June of 2018 will be used until the first 4th quarter elevation event under the revised program. From then on, the fourth quarter elevations will be used.

2. Verified flow at each recovery well where leachate is present on September 7, 10, 17, 24, and 28, 2018;
3. Testing of the pre and post carbon drum filter samples at SWMU-6 leachate tank resulted in a successful reduction of organic concentrations. A full scale system will now be evaluated for installation;
4. Submission of preliminary design alternatives for engineered controls on September 27, 2018;
5. 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;
 - Exercised all globe valves on active pumps;
 - RW-1
 - Observed to be pumping but with little discharge;
 - PZ-15
 - Observed not pumping. Switched port at compressor shed from the splitter to Port 2. Began to cycle as designed.
 - DPW-21
 - Replaced with the drilling of a new well DPW-21R on September 16 and 17, 2018 by Frontz Drilling, Inc..
 - Recovery well positioned approximately 6 feet east of existing DPW-21. Well consisted of 4" schedule 40 PVC with a 100-slot PVC screen. The filter pack consisted of #3 pea gravel (~3/8").
 - Installation log is attached.
 - DPW-21R
 - Well was developed on September 28, 2018;
 - NRP-26
 - Transducer was reset and cleaned;
 - Relabeled;
 - NPR-27
 - Transducer was cleaned;
 - SWMU 6 Compressor Shed:
 - Emptied moisture buckets;
 - Repaired #2 solenoid;

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- SWMU 5 Compressor
 - Drained controller;
 - Compressor controller discharges moisture; 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:

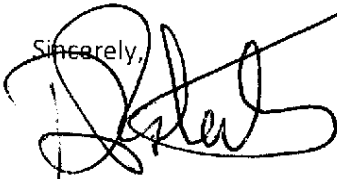
During the next reporting period it is anticipated that the following activities will occur:

1. Install grundfos pump in recovery well DPW-21R.
2. Continued evaluation of alternative pumps for leachate collection;
3. Evaluation of a full scale carbon treatment system for the SWMU-6 leachate tank;
4. Continued redevelopment of leachate extraction wells in accordance with priority list, with the siltiest wells being addressed first as time and weather allows; and
5. 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