## **Environmental Consultants & Contractors**

## SCS ENGINEERS

August 31, 2020 File No. 23212007.08

Ms. Maria Lammers
Ohio EPA Southwest District Office
401 East Fifth Street
Dayton, OH 45402-2911

Submitted Electronically

Subject:

St. Bernard Landfill, Blower Shutdown Test Monitoring, Monthly Report 1

Dear Ms. Lammers:

This letter presents the results of August monthly monitoring for the blower shutdown test. The following activities were performed this month:

- Friday August 7<sup>th</sup> a monthly round of post shutdown monitoring of the compliance probes was performed.
- No other blower shutdown test activities are anticipated during the month of August.

The monitoring form is attached. No combustible gas concentrations at or above 5 percent were recorded.

Per the tentative schedule for the blower shutdown test, monthly monitoring will continue. The next monthly monitoring of the compliance probes is tentatively scheduled to occur on Friday, September  $4^{th}$ .

Please contact the undersigned if you have any questions.

Sincerely,

Randall C. Mills, P.G. Senior Project Scientist

Kandall C mills

**SCS** Engineers

James J. Walsh, P.E. Project Director

SCS Engineers

RCM/JJW

CC Jonathan Stuchell, Mayor, Village of St. Bernard
Tom Paul, Service Director, Village of St. Bernard
Nick Schapman, GHD

Chuck DeJonckheere, Hamilton County Health Dept.

## **Compliance Probe Monitoring Form for St. Bernard Landfill**

Date:	08/07/20				Sampler: Randall Mills			
nstrument GEM 5000					Weather: partly cloudy, light breeze			
Calibration Prior to Sampling: Yes					Ambient Air Temperature (°F):70			
Calibration Gas:		CH <sub>4</sub> 15%, CO <sub>2</sub> 15%, O <sub>2</sub> 4			Barometric Pres	ssure (in Hg):	30.14	
Recalibration:		No			Relative Humidity (%):		78	
							Depth to	
							Top of	
						Depth to	Screen	
			Gas			Water Level	(feet	
			Pressure			(feet below	below	Open
	Start	Stop	(inches	Initial CH <sub>4</sub> (%	Sustained CH <sub>4</sub>	ground	ground	Screen#
Probe ID	Time	Time	water)	by Volume)	(% by Volume)	surface)	surface)	(feet)
MP-1	9:18	9:19	0	0	0	9.26	not known	
MP-7E	8:50	8:51	0	0.1	1.0	7.11	2	5.1
MP-7H	8:44	8:45	-0.01	0	0	4.50	2	2.5
MP-8F	8:56	8:57	0.01	0	0	7.75	2	5.7
MP-9	9:02	9:03	0.01	0	0	7.05	2	5.1
MP-16	9:13	9:14	0.01	0	0	5.24	2	3.2
MP-17	9:07	9:08	0	0	0	>11.78	2	9.7
Notes:								
Notes.								
Signature: Rank	ell C. mills							

<sup>&</sup>lt;sup>#</sup> A zero or negative value indicates that the probe is watered in.