## **Environmental Consultants & Contractors**

## SCS ENGINEERS

October 9, 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 Report

Dear Ms. Lammers:

This letter presents the results of second round of monitoring the week beginning October 5<sup>th</sup> for the blower shutdown test. The following activities were performed on October 9<sup>th</sup>:

• Friday, October 9, 2020 – a bi-weekly round of post exceedance monitoring of the compliance probes which had experienced exceedances, MP-7E and MP-9, was performed.

The monitoring form is attached. The combustible gas concentration was below 5 percent at both MP-7E and MP-9. Monitoring will continue at a frequency no less than weekly until four sequential readings below 5 percent are recorded over a period of not less than two weeks.

Please contact the undersigned if you have any questions.

Candall C. Mills

Sincerely,

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

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:	10/09/20				Sampler: Randall Mills			
Instrument	GEM 5000				Weather: high clouds, calm			
Calibration Prior to Sampling: Yes					Ambient Air Temperature (°F): 55			
Calibration Gas: CH <sub>4</sub> 15%, CO <sub>2</sub> 15%, O <sub>2</sub>			0 <sub>2</sub> 4%	Barometric Pres	rometric Pressure (in Hg):		30.18	
Recalibration: No					Relative Humidity (%): 88			
			Gas Pressure			Depth to Water Level (feet below	Depth to Top of Screen (feet 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			,	2, 10.0	(11 1)	,	not known	( /
MP-7E	8:13	8:14	0.01	0	0.0	8.82	2	6.8
MP-7H								
MP-8F								
MP-9	8:19	8:20	0.06	0	0	8.50	2	6.5
MP-16								
MP-17								
Notes:								
. 10100.								
Signature: Ranke	U C. Mills							

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