SCS ENGINEERS

July 17, 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, Week 2

Dear Ms. Lammers:

This letter presents the results of second week of monitoring for the blower shutdown test. The following activities were performed last week:

 Friday – a weekly round of post shutdown monitoring of the compliance probes was performed.

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

Weekly monitoring of the compliance probes will continue Friday, July 20th.

Please contact the undersigned if you have any questions.

Sincerely,

Randall C. Mills

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:	07/17/20					Randall Mills			
Instrument						Weather: partly cloudy, ca			
Calibration Prior to Sampling: Yes						ent Air Temperature (°F):			
Calibration Gas:	bration Gas: $CH_4 \ 15\%, \ CO_2 \ 15\%, \ O_2 \ 4\%$				Barometric Pres	arometric Pressure (in Hg):		29.17	
Recalibration:		No			Relative Humidity (%):		77		
					r				
							Depth to		
						Denth 4a	Top of		
			0			Depth to	Screen		
			Gas			Water Level (feet below	(feet below	Open	
	Stort	Stop	Pressure	Initial CH₄ (%	Sustained CH₄	•		Screen [#]	
Probe ID	Start Time	Stop Time	(inches water)	by Volume)	(% by Volume)	ground surface)	ground surface)	(feet)	
MP-1	8:22	8:23	-0.01			9.25	,	(ieel)	
MP-1 MP-7E	7:54	0.23 7:55	0.01	0	0	9.25 6.60	not known 2	4.6	
MP-7H	7:48	7:49	-0.05	0	0.1	4.10	2	2.1	
MP-8F	8:00	8:01	0.00	0	0	7.55	2	5.5	
MP-9	8:05	8:06	0.01	0	0	6.87	2	4.9	
MP-16	8:16	8:17	0	0	0	5.32	2	3.3	
MP-17	8:10	8:11	0.01	0	0	11.77	2	9.7	
Notes:									
	I C. mille								

[#] A zero or negative value indicates that the probe is watered in.