SCS ENGINEERS Environmental Consultants & Contractors

June 10, 2021 File No. 23212007.09

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

Submitted Electronically

Subject:

Village of St. Bernard Landfill

Quarterly Blower Shutdown Test Monitoring Report

Dear Ms. Lammers:

Enclosed please find the results of the quarterly monitoring event for the extended blower shutdown test performed on behalf of the Village of St. Bernard at the closed St. Bernard Landfill on June 8, 2021.

No combustible gas concentrations at or above the compliance threshold were detected at any of the probes in the compliance monitoring network.

It is anticipated that the next semi-annual compliance monitoring event/quarterly monitoring event for the extended blower shutdown test will be performed in September 2021.

Should you have any questions or comments, please contact the undersigned.

Sincerely,

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

Randall C. Mills

SCS Engineers

James J. Walsh, P.E.

Principal

SCS Engineers

RCM/JJW

cc: Nick Schapman, GHD
Tom Paul, Village of St. Bernard
Jonathan Stuchell, Village of St. Bernard

Chuck DeJonckheere, R.S., Hamilton County Public Health

Encl.

Compliance Probe Monitoring Form for St. Bernard Landfill

Date:	06/08/21				Sampler:	Randall Mills		
Instrument GEM 5000					Weather: overcast, calm			
Calibration Prior to Sampling: Yes					Ambient Air Temperature (°F): 77			
Calibration Gas: CH ₄ 15%, CO ₂ 15%, O ₂ 4%			0 ₂ 4%	Barometric Pressure (in Hg): 30		30.09		
Recalibration: No				Relative Humidity (%): 87				
							Depth to	
							Top of	
						Depth to	Screen	
			Gas			Water Level	(feet	
			Pressure			(feet below	below	Open
	Start	Stop	(inches	Initial CH₄ (%	Sustained CH ₄	ground	ground	Screen [#]
Probe ID	Time	Time	water)	by Volume)	(% by Volume)	surface)	surface)	(feet)
MP-1	8:53	8:54	-0.01	0	0	9.31	not known	
MP-7E	9:28	9:29	0.02	0	0	2.87	2	0.9
MP-7H	9:34	9:35	-0.01	0	0	3.45	2	1.5
MP-8F	9:22	9:23	0.01	0	0	7.11	2	5.1
MP-9	9:11	9:12	0.02	0	0	4.53	2	2.5
MP-16	8:58	8:59	0	0	0	4.89	2	2.9
MP-17	9:04	9:05	0.02	0	0	11.69	2	9.8
Notes:								
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Signature: Rankul	1 (mille							
Signature: Karkel								

^{*} A zero or negative value indicates that the probe is watered in.