SCS ENGINEERS

March 10, 2016 File No. 23212007.04

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

Subject:

Village of St. Bernard Landfill

Probe Monitoring Results, March 9, 2016

Dear Ms. Buchanan:

Enclosed please find the results of the gas monitoring performed on behalf of the Village of St. Bernard at the closed St. Bernard Landfill on March 9, 2016.

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 quarterly monitoring event will be performed during the first full week in June. It is anticipated that the next monthly monitoring event for MP-8F will be performed during the first full week in April.

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

Sincerely,

Randall C. Mills, P.G.

Senior Project Professional

SCS ENGINEERS

James J. Walsh, P.E.

Principal

SCS ENGINEERS

cc:

Chuck DeJonckheere, Hamilton County Public Health

Nick Schapman, GHD

Kandall (mills

John Estep, Mayor, Village of St. Bernard

Enclosures

Compliance Probe Monitoring Form for St. Bernard Landfill

Date: 3/9/2016						Randall Mills			
Instrument GEM 5000					Weather:	overcast, intermittent to mod. rain			
Calibration Prior to Sampling:			g: Yes		Ambient Air Temperature (°F):		61		
Calibration Gas:		CH ₄ 15%, CO	₂ 15%, O ₂ 4%	_	Barometric Pressure (in Hg):			30.06	
Recalibration:		No			Relative Humidi	elative Humidity (%):		91	
							Depth to		
							Top of		
						Depth to	Screen		
			Gas			Water Level	(feet		
			Pressure			(feet below	below	Open	
			(inches	Initial CH₄ (%	Sustained CH₄	ground	ground	Screen#	
Probe ID	Start Time	Stop Time	water)	by Volume)	(% by Volume)	surface)	surface)	(feet)	
MP-1	14:44	14:45	0	0	0	9.23	not known		
MP-7E	15:19	15:20	-0.01	0	0	5.35	3	2.4	
MP-7H	15:28	15:29	0.02	0	0	3.30	2	1.3	
MP-8F	15:17	15:18	0.01	0	0	7.18	4	3.2	
MP-9	15:08	15:09	0.01	0	0	6.35	2	4.4	
MP-10	15:04	15:05	0.11	0	0	4.31	2	2.3	
MP-16	14:52	14:53	-0.31	0	0	5.16	2	3.2	
MP-17	14:57	14:58	-0.01	0	0	11.13	2	9.1	
		20.							
					**				
Notes:									
Notes.									
Signature: Randoll C. Mille									

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