## SCS ENGINEERS

February 9, 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, February 9, 2016

Dear Ms. Buchanan:

Enclosed please find the results of the monthly gas monitoring at MP-8F performed on behalf of the Village of St. Bernard at the closed St. Bernard Landfill on February 9, 2016. MP-8F is being monitored monthly until it meets the criteria for quarterly monitoring.

No combustible gas concentrations at or above the compliance threshold were detected at MP-8F. It is anticipated that the next monthly monitoring event for MP-8F will be performed during the first full week of March, along with the other probes that are being monitored on a quarterly schedule.

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

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John Estep, Mayor, Village of St. Bernard

**Enclosures** 

## Compliance Probe Monitoring Form for St. Bernard Landfill

Date: 2/9/2016					Sampler:	Randall Mills		
Instrument GEM 5000					Weather: overcast, windy, light snow			
Calibration Prior to Sampling: Yes					Ambient Air Ter	mbient Air Temperature (°F): 26		
Calibration Gas:		CH <sub>4</sub> 15%, CO	2 15%, O <sub>2</sub> 4%	1	Barometric Pressure (in Hg):		29.64	
Recalibration:		No			Relative Humidity (%): 62			
							Depth to	
							Top of	
			l'			Depth to	Screen	
			Gas		-2	Water Level	(feet	_
			Pressure			(feet below	below	Open
12			(inches	Initial CH₄ (%	Sustained CH₄	ground	ground	Screen#
Probe ID	Start Time	Stop Time	water)	by Volume)	(% by Volume)	surface)	surface)	(feet)
MP-1							not known	
MP-7E							3	-3.0
MP-7H							2	-2.0
MP-8F	14:45	14:46	0.02	0	0	7.57	4	3.6
MP-9							2	-2.0
MP-10							2	-2.0
MP-16							2	-2.0
MP-17							2	-2.0
NI-4								
Notes:								
MP-8F is being monitored monthly, until it meets the criteria to be monitored quarterly.								
The other probes are monitored on a quarterly schedule.								
Signature:	Randall C.	mille						

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