## SCS ENGINEERS

August 15, 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, August 5, 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 August 5, 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 September, 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

Randall Cmills

John Estep, Mayor, Village of St. Bernard

**Enclosures** 

## Compliance Probe Monitoring Form for St. Bernard Landfill

Date:	8/5/2016					Randall Mills		
Instrument					Sampler: Randall Mills Weather: partly cloudy			
Calibration Prior to Sampling: Yes				Ambient Air Temperature (°F): 89				
Calibration Gas: CH <sub>4</sub> 15%, CO <sub>2</sub> 15%, O <sub>2</sub> 4		2 15%, O <sub>2</sub> 4%		Barometric Pressure (in Hg):		29.89		
Recalibration:		No			Relative Humidity (%):		57	
				20		,		
							Depth to	
1							Top of	
						Depth to	Screen	
		1	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							not known	
MP-7E							3	-3.0
MP-7H							2	-2.0
MP-8F	14:28	14:29	-0.03	0	0	8.69	4	4.7
MP-9							2	<b>-</b> 2.0
MP-10							2	-2.0
MP-16							2	-2.0
MP-17							2	-2.0
Notes:								
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MP-8F is being monitored monthly, until it meets the criteria to be monitored quarterly.								
The other probes are monitored on a quarterly schedule.								
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Signature:	Rankell C.	mille						

<sup>\*</sup> A zero or negative value indicates that the probe is watered in.