

November 18, 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  
MP-9 Weekly Contingency Monitoring Report

Dear Ms. Lammers:

Attached please find the results of the weekly contingency gas monitoring at MP-9, performed on behalf of the Village of St. Bernard at the closed St. Bernard Landfill on November 15, 2021.

MP-9 had a sustained reading of 0.2 percent combustible gas, below the threshold value of 5 percent. Contingency monitoring will continue to be performed at MP-9 until sufficient data has been collected to meet the cessation criteria.

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

Sincerely,



Randall C. Mills, P.G.  
Senior Project Scientist  
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: <u>11/15/21</u>	Sampler: <u>Randall Mills</u>
Instrument: <u>GEM 5000</u>	Weather: <u>clear, light breeze</u>
Calibration Prior to Sampling: <u>Yes</u>	Ambient Air Temperature (°F): <u>35</u>
Calibration Gas: <u>CH<sub>4</sub> 15%, CO<sub>2</sub> 15%, O<sub>2</sub> 4%</u>	Barometric Pressure (in Hg): <u>29.52</u>
Recalibration: <u>No</u>	Relative Humidity (%): <u>75</u>

Probe ID	Start Time	Stop Time	Gas Pressure (inches water)	Initial CH <sub>4</sub> (%) by Volume)	Sustained CH <sub>4</sub> (% by Volume)	Depth to Water Level (feet below ground surface)	Depth to Top of Screen (feet below ground surface)	Open Screen <sup>#</sup> (feet)
MP-9	9:44	9:45	0.56	0.2	0.2	6.55	2	4.6
MP-9 validation								
MP-9 post purge								
BP-1								

Notes:

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Signature: *Randall C. Mills*

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