September 12, 2025
File No. 23212007.13

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

Submitted Electronically

Subject: Village of St. Bernard Landfill
Second Semi-Annual 2025 Monitoring Report

Dear Ms. Lammers:

Enclosed please find the results of the second semi-annual gas monitoring performed on behalf of the Village of St. Bernard at the closed St. Bernard Landfill on September 11, 2025.

No combustible gas concentrations at or above the compliance threshold were detected at any of the probes in the compliance monitoring network. All readings were 0% methane by volume.

It is anticipated that the next semi-annual monitoring event will be performed in March 2026.

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

Sincerely,

Randall C. Mills

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

James J. Walsh, P.E.
Principal
SCS Engineers

RCM/JJW

cc: Tim Williams, Village of St. Bernard
Jonathan Stuchell, Village of St. Bernard
Chuck DeJonckheere, R.S., Hamilton County Public Health

Encl.

EXPLOSIVE GAS MONITORING REPORT

Facility: Closed St. Bernard Landfill
County: Hamilton County
Date of Sampling: 9/11/25

Weather conditions: clear, calm
Ambient air temperature: 86 degrees F
Barometric pressure: 30.19 inches HG
Comments:

Relative Humidity (%): 32
Odors Present? None

Gas meter make and model: GEM 5000
Calibration gas: CH4 15%, CO2 15%, O2 11.0%
Date of last calibration: 09-11-2025
Calibration was performed in: **Field** ~~factory~~

Stick-up Probe Identification	Sampling Time	Initial CH4 (% by volume)	Contingency (check one) Yes	Contingency (check one) No	Current Conditions of the Probe	Pressure (inches water)	Depth to water (FT) below GS	As-built Top of Screen Depth (FT below TOC)	Probe Depth (FT below TOC)	Length of screen (FT)	Is screened interval flooded? (check one) Yes	Is screened interval flooded? (check one) No	Comments
MP-1	9:48 AM	0		X	Good	0.01	9.29	unknown	12.53	unknown	unknown		It is assumed that the screen is not flooded because the water level is near the bottom of the probe.

Flush Mount Probe Identification	Sampling Time	Initial CH4 (% by volume)	Contingency (check one) Yes	Contingency (check one) No	Current Conditions of the Probe	Pressure (inches water)	Depth to water (FT) below GS	As-built Top of Screen Depth (FT below GS)	Probe Depth (FT below GS)	Length of screen (FT)	Is screened interval flooded? (check one) Yes	Is screened interval flooded? (check one) No	Comments
MP-7E	10:31 AM	0		X	Good	0.01	5.92	3	14	11		X	
MP-7H	10:23 AM	0		X	Good	-0.01	8.28	2	15	13		X	* flush-mount protective casing partially filled with water. Bailed to remove water to be able to remove the quick-connect to allow access for a water level reading.
MP-8F	10:17 AM	0		X	Good	-0.02	8.74	4	14	10		X	
MP-9	10:10 AM	0		X	Good	0.01	8.04	2	12	10		X	
MP-16	9:54 AM	0		X	Good	0.01	8.41	2	12	10		X	
MP-17	10:03 AM	0		X	Good	0	11.50	3	13	10		X	

Name: Randall C. Mills
Affiliation: SCS Engineers