

August 22, 2024  
File No. 23212007.12

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

Submitted Electronically

Subject: St. Bernard Landfill, 2024 Annual Recalibration of CGIs

Dear Ms. Lammers:

This letter presents the results of annual recalibration of Combustible Gas Indicators (CGIs) that are installed in residences adjacent to the closed St. Bernard Landfill in compliance with the approved Explosive Gas Monitoring Plan.

SCS requested access to the seven homes that have CGIs from the owners and/or residents by letter and/or by email to schedule the annual calibration of the CGIs for the afternoons of August 20 and 21, 2024. The table below presents the dates and times when the calibrations were performed. The calibrations were performed by Randall Mills of SCS. Field notes for each recalibration are summarized in the table below. All the CGIs that were calibrated were calibrated with 10,000 ppm (1 percent by volume) methane calibration gas.

Address (Bank Avenue) & Resident Last Name	Date	Approx. Start Time (p.m.)	CGI in Operation on Arrival	Self-Test Successful	Alarm/Sensor Replacement Required	Calibration Completed (10,000 ppm)
421 Weber	8/20/24	2:15	Yes	Yes	No	Yes
425 Haney	8/20/24	2:28	Yes	Yes	No	Yes
426* Craddock	8/20/24	CGI removed per resident request 8/20/24.				
429	CGI removed in 2017 per resident request.					
433	CGI removed in 2023 per resident request.					
437 Carson	8/21/24	5:00	Yes	Yes	No	Yes
440 Helphinstine	8/20/24	CGI removed per resident request 8/21/24.				
441 Zeigler	8/20/24	2:35	Yes	Yes	No	Yes
444	The owner of this residence declined the original & subsequent offers to install a CGI.					
448 Thomas	8/20/24	2:40	Yes	No	Yes	Yes (new alarm)

\*This residence is located beyond 200 feet from the limits of waste.

A copy of the Continuous Explosive Gas Alarm Report is attached. It includes only the residences within 200 feet of the limits of waste with alarms installed at the conclusion of this monitoring event.

As noted above, two more residents requested that the CGIs in their residences be removed. Copies of the signed authorizations are presented in Attachment A.



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Please contact the undersigned if you have any questions.

Sincerely,

Handwritten signature of Randall C. Mills in blue ink.

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

Handwritten signature of James J. Walsh in black ink.

James J. Walsh, P.E.  
Project Director  
SCS Engineers

RCM/JJW

cc Jonathan Stuchell, Mayor, Village of St. Bernard  
Tim Werdmann, Director of Public Safety and Service, Village of St. Bernard  
Chuck DeJonckheere, Hamilton County Health Dept.

Attachment A  
CGI Removal Documentation

**426 Bank**Date: 8/20/24

File No. 23212007.12

I, Robert C Craddock, on this date, request that SCS  
Engineers, as an agent for the Village of St. Bernard, remove the Combustible Gas Indicator (CGI)  
from my residence, as provided under OAC 3745-27-12 (H)(2)(a).

Signature: *Robert C Craddock*

Received by:

*Randall C Mills*

Randall C. Mills  
Senior Project Scientist  
SCS ENGINEERS



440 Bank

Date: 8/21/24

File No. 23212007.12

I, Wade Delphin Stone, on this date, request that SCS  
Print Name  
Engineers, as an agent for the Village of St. Bernard, remove the Combustible Gas Indicator (CGI)  
from my residence, as provided under OAC 3745-27-12 (H)(2)(a).

Signature: [Handwritten Signature]

Received by:

Randall C Mills

Randall C. Mills  
Senior Project Scientist  
SCS ENGINEERS



**Continuous Explosive Gas Alarm Report**  
**Closed St. Bernard Landfill**

Location or address	Date	Alarm Operational (Y/N)	Date Last Tested
421 Bank Avenue	08/20/24	Y	08/22/23
425 Bank Avenue	08/20/24	Y	08/22/23
437 Bank Avenue	08/21/24	N <sup>1</sup>	08/22/23
440 Bank Avenue	08/21/24	N <sup>2</sup>	08/25/23
441 Bank Avenue	08/20/24	Y	08/22/23
448 Bank Avenue	08/20/24	N <sup>3</sup>	08/22/23
1. Alarm was plugged in but needed adjustment to calibrate.			
Alarm at 437 Bank recalibrated on 8/21/24.			
2. Alarm was not plugged in.			
Alarm at 440 Bank removed per resident request on 8/21/24.			
3. Alarm was plugged in but would not calibrate.			
Alarm at 448 Bank replaced on 8/20/24.			

Signature: Randall C. Mills

Date of inspection: 08/20/23 & 08/21/23