

September 19, 2022  
File No. 23212007.10

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

Submitted Electronically

Subject: St. Bernard Landfill, 2022 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 eight 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 afternoon of August 16, 2022. The annual recalibration of CGIs was rescheduled from the normal schedule of March, per Ohio EPA's request related to the first scheduled monitoring event after the conclusion of the blower shutdown test and the approval to let the blower remain off. 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) calibration gas.

Address (Bank Avenue)	Date	Approximate Start Time (p.m.)	CGI in Operation on Arrival	Sensor Replacement Required	Calibration Completed (10,000 ppm)	Verification Test Successful
421	8/16/22	14:35	Yes	No	Yes	Yes
425	9/25/22	18:15	No. CGI was unplugged.	No	Yes	Yes
426*	8/18/22	17:25	Yes	No	Yes	Yes
429	CGI removed in 2017 per resident request. Confirmed and witnessed in person on February 2021 that he does not want a CGI reinstalled.					
433	8/16/22	14:30	No. CGI was unplugged.	No	Yes	Yes
437	8/16/22	14:33	Yes	No	Yes	Yes
440	The resident appears to be away on a long term basis.					
441	8/16/22	17:20	Yes	No	Yes	Yes
444	The owner of this residence declined the original offer to install a CGI. The owner was re-contacted by email on January 25, 2021 and he confirmed that he does not want a CGI installed.					



Address (Bank Avenue)	Date	Approximate Start Time (p.m.)	CGI in Operation on Arrival	Sensor Replacement Required	Calibration Completed (10,000 ppm)	Verification Test Successful
448	8/16/22	14:00	No. CGI was unplugged.	No	Yes	Yes

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

SCS will periodically check to see when the resident of 440 Bank Avenue returns and will calibrate the alarm as soon as feasible and submit a supplemental report at that time.

Please contact the undersigned if you have any questions.

Sincerely,



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



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

RCM/JJW

cc Jonathan Stuchell, Mayor, Village of St. Bernard  
Tom Paul, Service Director, Village of St. Bernard  
Nick Schapman, GHD  
Chuck DeJonckheere, Hamilton County Health Dept.