

From: [Derek R. Mauntel](#)
To: [IDEM OLO Solid Waste Permits Submittals](#)
Cc: [Patricia Abbott](#); [Mark Heintz](#); [Kevin Dark](#); [Dan Bunk](#); [Wendy Mis](#)
Subject: Munster LF FP 45-01 Q3 2024 Gas Probe Notification
Date: Wednesday, July 3, 2024 4:55:34 PM
Attachments: [image003.png](#)
[MUNS 2018 GAS PROBE LOCATIONS-FIG 1.pdf](#)
[MUNS 20240703 IDEM Gas Monitoring Form.pdf](#)

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Jeremiah,

This email is notification per 329 IAC 10-20-17(d)(2) of gas probe readings that exceeded the LEL for methane at the Town of Munster Landfill on Wednesday, July 3, 2024. These readings were part of the 3rd quarter routine gas probe monitoring conducted in 2024. The current readings exceeded 5% methane at the following locations: GP-2, GP-6, GP-16, GP-20, GP-26, and GP-28. Methane did not exceed the LEL in supplemental probes GP-2A, GP16A or GP-20A, located near the property boundary along the east and south sides of the facility.

Attached is a map indicating the locations of the gas probes monitored that was included with the revised Methane Monitoring Plan approved by IDEM in 2018 along with a spreadsheet for the wells that exceeded the LEL for methane during this quarterly monitoring event. In accordance with the facilities revised Methane Monitoring Plan dated June 4, 2018, utility and storm drain access points along Calumet Avenue and probes GP-31A, 32A, and 33A located on the west side of Calumet Avenue were monitored during this event, having no methane detected.

If you have any questions, please don't hesitate to call or email me at the contact information below.

Derek R. Mauntel

Project Director

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METHANE GAS MONITORING FORM – TOWN OF MUNSTER LANDFILL

Date: 7/3/2024

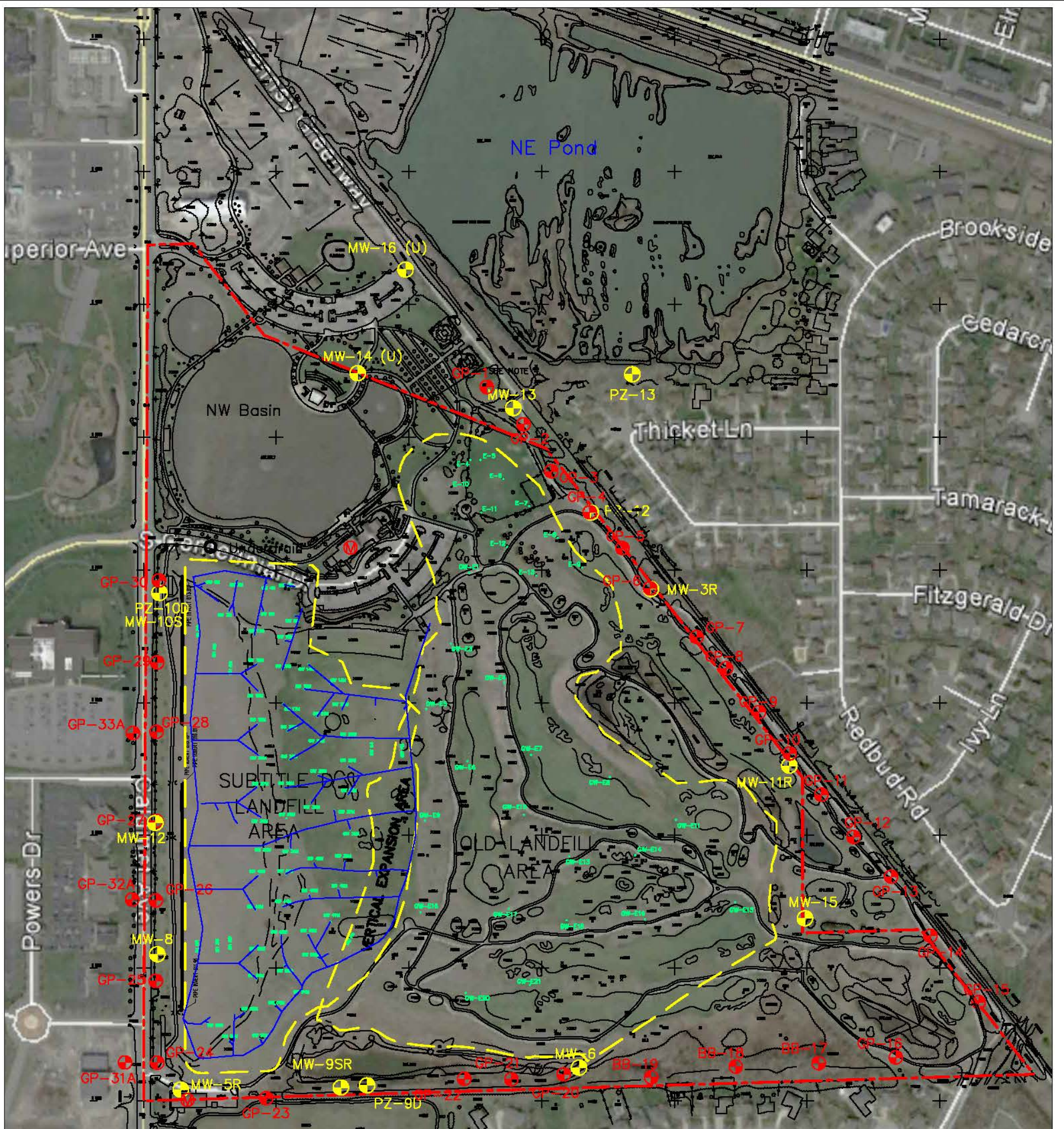
Sampler: Nate Krautheim

Gas Analyzer Type: LandTec Gem 5000

Calibration Information: Calibration was verified at 15% Methane, 15% CO2, and 4% O2 prior to sampling.

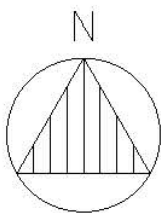
Weather Information: Overcast, 76 F, Barometric Pressure 29.93 Hg, 9 mph E

Location	% gas <u>X</u> %LEL _____ (check one)	If available			
		%O2	%CO2	Depth to Water (Ft.)	Pressure (Units: _____)
GP-2	30.4	5.5	8.4		
GP-6	8.2	8.4	12.7		
GP-16	12.4	12.2	3.7		
GP-20	67.2	0.3	31.6		
GP-26	14.2	16.5	0.8		
GP-28	85.2	0.6	9.3		



LEGEND

- | | | | |
|-------|--|--|------------------------------|
| MW-5R | EXISTING GROUND WATER MONITORING WELL OR PIEZOMETER LOCATION | | FACILITY PROPERTY BOUNDARY |
| | | | SOLID WASTE BOUNDARY |
| GP-12 | AS-BUILT GAS PROBE LOCATION | | PROPOSED GAS EXTRACTION LINE |
| | | | PROPOSED GAS EXTRACTION WELL |
| | STRUCTURE MONITORING LOCATION | | SURFACE WATER BODY |
| | 10-FT CONTOUR INTERVAL (FT, MSL) | | LEACHATE LINE |



SCALE: IN FEET

SHEET NUMBER 1	DATE APRIL 2018	SITE MAP WITH AS-BUILT METHANE GAS PROBE LOCATIONS	ANDREWS ENGINEERING, INC. 7486 SHADELAND STATION WAY INDIANAPOLIS, INDIANA 46256-3925 PH (317) 595-6492 FAX (317) 595-9929 SPRINGFIELD, IL • PONTIAC, IL • LOMBARD, IL • WARRENTON, MO PROFESSIONAL DESIGN ENGINEERING AND LAND SURVEYING FIRM #184-001541					
	PROJECT # 180009/0001	PREPARED FOR TOWN OF MUNSTER MUNSTER, LAKE COUNTY, INDIANA		APPROVED BY: DRM	DESIGNED BY: DRM	DRAWN BY: MGN	NO.	DATE