

From: [Parker, Eric](#)
To: [DEP_NED](#); [Schroer, Jeffrey](#)
Cc: ["Jeffrey Foster \(jsfoster@coj.net\)"](#); [Purvis, Maurice](#)
Subject: TRLF - Methane Probe Monitoring Report 4th Q 2021
Date: Wednesday, October 6, 2021 10:43:25 AM
Attachments: [TRLF - Methane Probe Monitoring Report 4th Q 2021.pdf](#)

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Please find the 4th Quarterly Methane Probe Monitoring Report attached. Please contact me if you require any additional information.

Eric Parker

Environmental Protection Manager
Eparker1@wm.com

Waste Management Inc. of Florida

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Waste Management renewable energy projects create enough energy to power more than one million homes. Learn more at www.wm.com.



WASTE MANAGEMENT OF NORTH FLORIDA

Trail Ridge Landfill, Inc.
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October 6, 2021

Jeffrey Schroer
Florida Department of Environmental Protection
8800 Baymeadows Way, Suite 100
Jacksonville, FL 32256-7590

Re: Trail Ridge Landfill
Methane Monitoring Results/4th Qtr. 2021
FDEP Permit # 0013493-010-SC
I.D. #: NED/16/00033628

Dear Mr. Schroer:

In accordance with Specific Condition #37 of the above referenced permit, enclosed please find the 4th Quarter 2021 Gas Monitoring Data for Trail Ridge Landfill. As indicated on the report, there was negligible/no detection of methane gas at the site.

If you have any questions or need additional information regarding this submittal, please contact me at (904) 748-6006, or email at eparker1@wm.com.

Respectfully Submitted,

Eric Parker, CHMM
Environmental Protection Manager
Florida Market Area

cc: Morris Purvis, Waste Management
Craig Pelton, Waste Management
Jeff Foster, City of Jacksonville

Transmitted via email to Jeffrey.Schroer@FloridaDEP.gov

**TRAIL RIDGE LANDFILL
QUARTERLY LANDFILL GAS MONITORING AND ACTIVITIES REPORT
4th QUARTER 2021**

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 10/05/2021 and is presented below. No gas was detected.

GAS MONITORING RESULTS

Date Monitored: October 5, 2021
Analyst: Walter D. Taylor
Instrument Type: GEM 5000; Serial No: G504242
Calibration Acceptable: Yes; Span Gas 15% Volume, Response 15.0%

Water Level Instrument Type: Slope Indicator; Serial No. N/A
Weather Conditions: 79-F, Sunny, Winds: SE at 05 mph
Barometric Pressure: 30.03" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	08:37	N/A	0.00%	0.00%	0.0'	
GP-6	08:34	N/A	0.00%	0.00%	0.0'	
GP-7	08:29	N/A	0.00%	0.00%	0.0'	
GP-8	08:14	N/A	0.00%	0.00%	0.0'	
GP-9	08:08	N/A	0.00%	0.00%	0.0'	
GP-10	08:03	N/A	0.00%	0.00%	0.0'	
MM-1	09:13	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	09:11	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	09:06	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	08:56	N/A	0.00%	0.00%	N/A	OP's Building 1 st Floor
MM-5	08:58	N/A	0.00%	0.00%	N/A	OP's Building 2 nd Floor
MM-6	08:48	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	08:50	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	09:54	N/A	0.00%	0.00%	N/A	IET Office
MM-9	09:19	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	09:18	N/A	0.00%	0.00%	N/A	WM Conex

Comments: GP-are permanent probes; MM-are in structure locations



October 5, 2021

Eric Parker

Waste Management at Trail Ridge Landfill
5110 US Hwy 301 South
Baldwin, FL 32234

Subj: Quarterly Monitoring Calibration Report

Dear Mr. Parker,

The following calibration information is provided in reference in support of the Quarterly Landfill Gas Monitoring and Activities Report.

Date of Calibration	05OCT2021
Calibration Gas:	Span Gas 15% CH ₄ , 15% CO ₂ , Balance N ₂
Lot Number:	1261938
Expiration Date:	JAN 2025
Weather Conditions	79-F, Sunny, Winds: SE at 05 MPH
Barometric Pressure	30.03" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH ₄ (Methane){%}	CO ₂ (Carbon Dioxide){%}	O ₂ (Oxygen){%}	Balance Gas{%
TRLFLDCA	10/5/2021 7:41	14.8	14.8	0.1	70.3
TRLFLDCA	10/5/2021 7:42	0	0	10.9	89.1

Respectfully,

W. David Taylor

Walter D. Taylor
Landfill Gas Manager
Integrated Environmental Technology



6450 Bendelow Drive

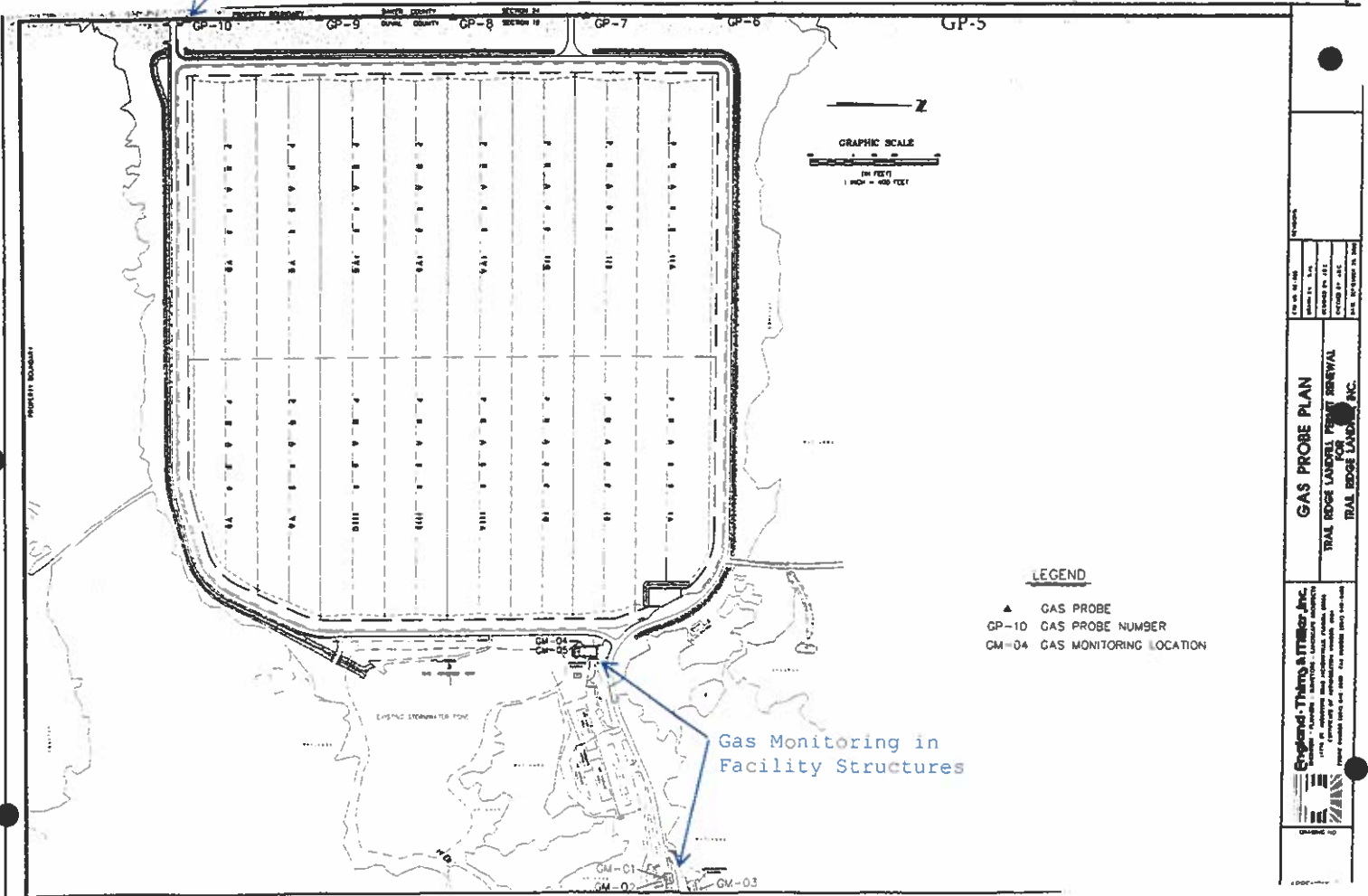
Lakeland, Florida 33810

863-868-8384



Gas Monitoring Probe, Typ.

ATTACHMENT D



GAS PROBE PLAN

TRAIL RIDGE LAND REFORM
FOR
TRAIL RIDGE LAND, INC.

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