



WASTE MANAGEMENT OF NORTH FLORIDA

Trail Ridge Landfill, Inc.
5110 U.S. Highway 301 South
Baldwin, FL 32234-3608
P: 904.289.9100 F: 904.289.9013

April 12, 2022

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

Re: Trail Ridge Landfill
Methane Monitoring Results/2nd Qtr. 2022
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 2nd Quarter 2022 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,

A handwritten signature in black ink, appearing to read 'Eric Parker', written over a vertical line.

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
2nd QUARTER 2022**

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 04/04/2022 and 04/05/2022 and is presented below.
No gas was detected.

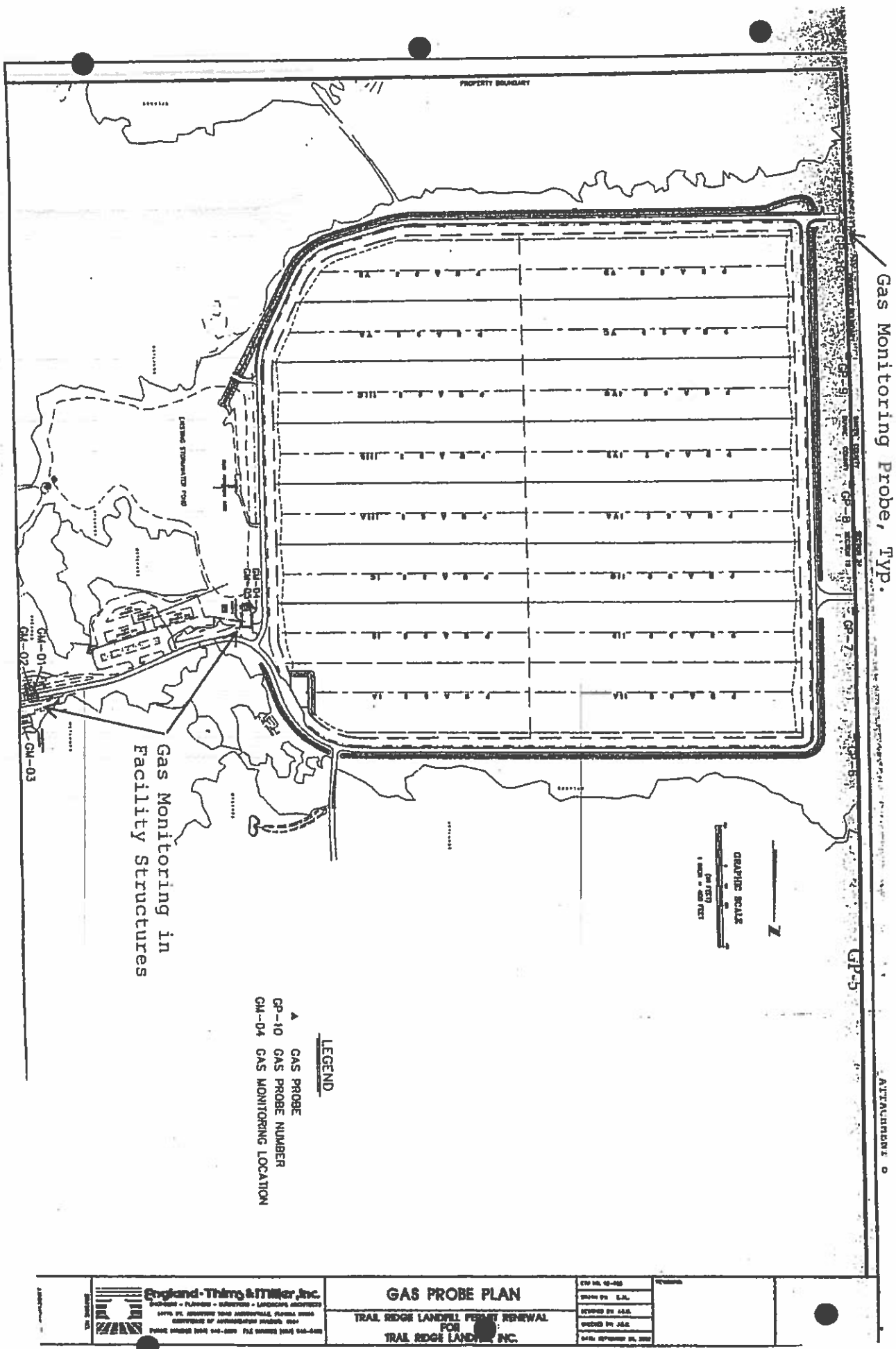
GAS MONITORING RESULTS

Date Monitored: April 4-5, 2022
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: 74-F, Sunny, Winds: W at 08 mph
Barometric Pressure: 29.86" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	09:40	N/A	0.00%	0.00%	0.0'	
GP-6	09:43	N/A	0.00%	0.00%	0.0'	
GP-7	09:46	N/A	0.00%	0.00%	0.0'	
GP-8	09:49	N/A	0.00%	0.00%	0.0'	
GP-9	09:52	N/A	0.00%	0.00%	0.0'	
GP-10	09:55	N/A	0.00%	0.00%	0.0'	
MM-1	13:29	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	13:27	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	13:24	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	13:36	N/A	0.00%	0.00%	N/A	OP's Building 1 st Floor
MM-5	13:37	N/A	0.00%	0.00%	N/A	OP's Building 2 nd Floor
MM-6	13:40	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	13:43	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	13:13	N/A	0.00%	0.00%	N/A	IET Office
MM-9	13:15	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	13:16	N/A	0.00%	0.00%	N/A	WM Conex

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



Gas Monitoring Probe, TYP.

Gas Monitoring in
Facility Structures

LEGEND
 ▲ GAS PROBE
 GP-10 GAS PROBE NUMBER
 GM-04 GAS MONITORING LOCATION

GRAPHIC SCALE
 1" = 100' FEET

<p>England-Thing & Miller, Inc. ENGINEERS - PLANNERS - SURVEYORS - LANDSCAPE ARCHITECTS 14475 P.O. BOX 100000, MIAMI, FLORIDA 33108 (305) 551-1000 FAX (305) 551-1001</p>	<p align="center">GAS PROBE PLAN</p> <p align="center">TRAIL RIDGE LANDFILL PERMIT RENEWAL FOR TRAIL RIDGE LANDFILL, INC.</p>		CTD NO. 10-00 DRAWN BY: E.J.L. CHECKED BY: J.S.S. QUOTED BY: J.S.S. DATE: 10/10/00	
			ATTACHMENT 0	
			1" = 100' FEET	
			1" = 100' FEET	



April 4-5, 2022

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	04-05APR2022
Calibration Gas:	Span Gas 15% CH ₄ , 15% CO ₂ , Balance N ₂
Lot Number:	1261938
Expiration Date:	JAN 2025
Weather Conditions	74-F, Sunny, Winds: W at 08 MPH
Barometric Pressure	29.86" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH ₄ (Methane){%}	CO ₂ (Carbon Dioxide){%}	O ₂ (Oxygen){%}	Balance Gas{%
TRLFLDCA	4/4/2022 13:07	15.1	14.8	0.1	70
TRLFLDCA	4/4/2022 13:09	0	0	10.9	89.1
TRLFLDCA	4/5/2022 9:11	14.9	14.9	0	70.2
TRLFLDCA	4/5/2022 9:12	0	0	11	89

Respectfully,

W. David Taylor

Walter D. Taylor
Landfill Gas Manager
Integrated Environmental Technology



6450 Bendelow Drive

Lakeland, Florida 33810

863-868-8384

