

From: [Parker, Eric](#)
To: [DEP_NED](#); [Schroer, Jeffrey](#)
Cc: [Pelton, Craig](#); "[Jeffrey Foster \(jsfoster@coj.net\)](#)"
Subject: TRLF - Methane Probe Monitoring Report 2nd Q 2020
Date: Thursday, April 9, 2020 3:27:40 PM
Attachments: [TRLF - Methane Probe Monitoring Report 2nd Q 2020.pdf](#)

Please find the 2nd 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

📍 5110 US Hwy 301, Baldwin, FL 32234

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**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 8, 2020

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. 2020
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 2020 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'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Eric Parker, CHMM
Environmental Program Manager
Florida Market Area

cc: Greg Mathes, 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 2020**

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 04/06/2020 and is presented below. No gas was detected.

GAS MONITORING RESULTS

Date Monitored: April 6, 2020
Analyst: Walter D. Taylor
Instrument Type: GEM 5000; Serial No: G504960
Calibration Acceptable: Yes; Span Gas 15% Volume, Response 15.0%

Water Level Instrument Type: Slope Indicator; Serial No. N/A
Weather Conditions: 60-F, Sunny, Winds: Calm
Barometric Pressure: 30.11" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	08:45	N/A	0.00%	0.00%	0.0'	
GP-6	08:41	N/A	0.00%	0.00%	0.0'	
GP-7	08:36	N/A	0.00%	0.00%	0.0'	
GP-8	08:23	N/A	0.00%	0.00%	0.0'	
GP-9	08:19	N/A	0.00%	0.00%	0.0'	
GP-10	08:14	N/A	0.00%	0.00%	0.0'	
MM-1	09:26	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	09:25	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	09:22	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	09:09	N/A	0.00%	0.00%	N/A	OP's Building 1 st Floor
MM-5	09:11	N/A	0.00%	0.00%	N/A	OP's Building 2 nd Floor
MM-6	08:57	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	08:59	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	07:51	N/A	0.00%	0.00%	N/A	IET Office
MM-9	07:55	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	07:36	N/A	0.00%	0.00%	N/A	WM Conex

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



April 6, 2020

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	06APR2020
Calibration Gas:	Span Gas 15% CH ₄ , 15% CO ₂ , Balance N ₂
Lot Number:	746519
Expiration Date:	JUL2020
Weather Conditions	60-F, Sunny, Winds: Calm
Barometric Pressure	30.11" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH ₄ (Methane) (%)	CO ₂ (Carbon Dioxide)(%)	O ₂ (Oxygen) (%)	Balance Gas(%)	Field Techni cian	Device Category
TRLFLDCA	4/6/2020 7:38	14.9	15	0.1	70	DTAYLO	Class I Area
TRLFLDCA	4/6/2020 7:40	0	0.1	10.9	89	DTAYLO	Class I Area

Respectfully,

Walter D. Taylor

Landfill Gas Manager

Integrated Environmental Technology



6450 Bendelow Drive

Lakeland, Florida 33810

863-868-8384



Gas Monitoring Probe, Typ.

