



**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

October 7, 2019

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

Re: Trail Ridge Landfill  
Methane Monitoring Results/4<sup>th</sup> Qtr. 2019  
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 4<sup>th</sup> Quarter 2019 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  
4th QUARTER 2019**

**SIGNIFICANT ACTIVITIES**

(1) Regular gas monitoring occurred on 08/01/2019 and is presented below. No gas was detected.

**GAS MONITORING RESULTS**

Date Monitored: October 1, 2019  
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: 84-F, Sunny, Winds: NE at 08 Mph  
Barometric Pressure: 30.05" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	08:23	N/A	0.00%	0.00%	0.0'	
GP-6	08:18	N/A	0.00%	0.00%	0.0'	
GP-7	08:13	N/A	0.00%	0.00%	0.0'	
GP-8	07:58	N/A	0.00%	0.00%	0.0'	
GP-9	07:50	N/A	0.00%	0.00%	0.0'	
GP-10	07:44	N/A	0.00%	0.00%	0.0'	
MM-1	08:57	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	08:55	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	08:52	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	09:04	N/A	0.00%	0.00%	N/A	OP's Building 1 <sup>st</sup> Floor
MM-5	09:09	N/A	0.00%	0.00%	N/A	OP's Building 2 <sup>nd</sup> Floor
MM-6	08:44	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	08:46	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	09:22	N/A	0.00%	0.00%	N/A	IET Office
MM-9	09:18	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	09:19	N/A	0.00%	0.00%	N/A	WM Conex

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



October 1, 2019

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	01OCT2019
Calibration Gas:	Span Gas 15% CH <sub>4</sub> , 15% CO <sub>2</sub> , Balance N <sub>2</sub>
Lot Number:	746519
Expiration Date:	JUL2020
Weather Conditions	84-F, Sunny, Winds: NE at 08 MPH
Barometric Pressure	30.05" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH <sub>4</sub> (Methane)(%)	CO <sub>2</sub> (Carbon Dioxide)(%)	O <sub>2</sub> (Oxygen)(%)	Balance Gas(%)	CH <sub>4</sub> /C O <sub>2</sub>	Field Technician	Device Category
TRLFLDCA	10/1/2019 7:19	14.9	14.9	0.1	70.1	1	DTAYLO	Class I Area
TRLFLDCA	10/1/2019 7:21	0	0	10.9	89.1		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.

ATTACHMENT C

