



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 2, 2018

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

Re: Trail Ridge Landfill
Methane Monitoring Results/4th Qtr. 2018
FDEP Permit # 0013493-010-SC
I.D. #: NED/16/00033628

Dear Mr. Durden:

In accordance with Specific Condition #37 of the above referenced permit, enclosed please find the 4th Quarter 2018 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 that reads "Eric Parker". The signature is fluid and cursive.

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 Brian.Durden@dep.state.fl.us

**TRAIL RIDGE LANDFILL
 QUARTERLY LANDFILL GAS MONITORING AND ACTIVITIES REPORT
 4th QUARTER 2018**

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 10/02/2018 and is presented below. No gas was detected.

GAS MONITORING RESULTS

Date Monitored: October 2, 2018
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: 84-F, Sunny, Winds: ENE at 05 Mph
 Barometric Pressure: 30.17" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	10:28	N/A	0.00%	0.00%	0.0'	
GP-6	10:26	N/A	0.00%	0.00%	0.0'	
GP-7	10:22	N/A	0.00%	0.00%	0.0'	
GP-8	10:17	N/A	0.00%	0.00%	0.0'	
GP-9	10:14	N/A	0.00%	0.00%	0.0'	
GP-10	10:10	N/A	0.00%	0.00%	0.0'	
MM-1	11:11	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	11:09	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	11:07	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	11:01	N/A	0.00%	0.00%	N/A	OP's Building 1 st Floor
MM-5	11:02	N/A	0.00%	0.00%	N/A	OP's Building 2 nd Floor
MM-6	10:55	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	10:57	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	11:19	N/A	0.00%	0.00%	N/A	IET Office
MM-9	11:17	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	11:16	N/A	0.00%	0.00%	N/A	WM Conex

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



October 2, 2018

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	02OCT2018
Calibration Gas:	Span Gas 15% CH4, 15% CO2, Balance N2
Lot Number:	746519
Expiration Date:	JUL2020
Weather Conditions	84-F, Sunny, Winds: ENE at 5 MPH
Barometric Pressure	30.17" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH4 (Methane)(%)	CO2 (Carbon Dioxide)(%)	O2 (Oxygen)(%)	Balance Gas(%)
TRLFLDCA	10/2/2018 9:58	14.9	14.9	0.1	70.1
TRLFLDCA	10/2/2018 10:00	0	0	10.9	89.1

Respectfully,

Walter D. Taylor
 Landfill Gas Manager
 Integrated Environmental Technology



Gas Monitoring Probe, Typ.

ATTACHMENT 6

