



**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

July 31, 2017

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

Re: Trail Ridge Landfill  
Methane Monitoring Results/3<sup>rd</sup> Qtr. 2017  
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 3<sup>rd</sup> Quarter 2017 Gas Monitoring Data for Trail Ridge Landfill. As indicated on the report, there was negligible/no detection of methane gas at the site.

Note, during the 3<sup>rd</sup> quarter monitoring event, monitoring point (GP-05) was added to monitor phase 6 expansion perimeters.

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

**RECEIVED**

*By bobbitt\_b at 9:52 am, Sep 27, 2018*

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  
3rd QUARTER 2017**

**SIGNIFICANT ACTIVITIES**

(1) Regular gas monitoring occurred on 07/14/2017 and is presented below. No gas was detected.

**GAS MONITORING RESULTS**

Date Monitored: July 14, 2017  
Analyst: Walter D. Taylor  
Instrument Type: GEM 2000; Serial No: GM11214-08  
Calibration Acceptable: Yes; Span Gas 15% Volume, Response 15.0%

Water Level Instrument Type: Slope Indicator; Serial No. N/A

Weather Conditions: 90-F, Sunny, Winds: ENE at 8 Mph

Barometric Pressure: 30.12" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-6	13:11	N/A	0.00%	0.00%	0.0'	
GP-7	13:08	N/A	0.00%	0.00%	0.0'	
GP-8	13:02	N/A	0.00%	0.00%	0.0'	
GP-9	12:54	N/A	0.00%	0.00%	0.0'	
GP-10	12:47	N/A	0.00%	0.00%	0.0'	
MM-1	13:35	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	13:33	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	13:28	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	13:23	N/A	0.00%	0.00%	N/A	OP's Building 1 <sup>st</sup> Floor
MM-5	13:24	N/A	0.00%	0.00%	N/A	OP's Building 2 <sup>nd</sup> Floor
MM-6	13:41	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	13:44	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	13:53	N/A	0.00%	0.00%	N/A	IET Office
MM-9	13:49	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	13:50	N/A	0.00%	0.00%	N/A	WM Conex

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

**TRAIL RIDGE LANDFILL  
QUARTERLY LANDFILL GAS MONITORING AND ACTIVITIES REPORT  
3rd QUARTER 2017**

**SIGNIFICANT ACTIVITIES**

(1) Regular gas monitoring occurred on 07/26/2017 and is presented below. No gas was detected.

**GAS MONITORING RESULTS**

Date Monitored: July 26, 2017  
Analyst: Walter D. Taylor  
Instrument Type: GEM 5000; Serial No: G504242  
Calibration Acceptable: Yes; Span Gas 15% Volume, Response 15.0%

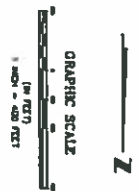
Water Level Instrument Type: Slope Indicator; Serial No. N/A  
Weather Conditions: 92-F, Sunny, Winds: WSW at 8 Mph  
Barometric Pressure: 30.02" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	11:30	N/A	0.00%	0.00%	0.0'	

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


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DATE	CITY	COUNTY	SECTION 18
GP-10			
GP-9			
GP-8			



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

### LEGEND

 <p><b>England-Thring &amp; Miller, Inc.</b> ENGINEERS - PLANNERS - SURVEYORS - LANDSCAPE ARCHITECTS</p> <p>14770 VE. AVENUE NORTH JENSENVILLE, FLORIDA 32050 OFFICE OF AUTOMATED DESIGN, INC.</p> <p>PHONE (904) (304) 540-5000 FAX (904) (304) 540-5400</p>	<p><b>GAS PROBE PLAN</b></p> <p><b>TRAIL RIDGE LANDFILL PERMIT RENEWAL</b> <b>FOR</b> <b>TRAIL RIDGE LANDFILL, INC.</b></p>	<p>DATE 05-02-2001</p> <p>DESIGN BY EAL</p> <p>DESIGNED BY JAC</p> <p>CHECKED BY ABE</p> <p>DATE: 05/29/2001</p>	<p>REVISIONS</p>