



**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 4, 2019

rec'd 4/4/19 fdep

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

Re: Trail Ridge Landfill  
Methane Monitoring Results/2<sup>nd</sup> Qtr. 2019  
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 2<sup>nd</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](mailto: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 [Brian.Durden@dep.state.fl.us](mailto:Brian.Durden@dep.state.fl.us)

**TRAIL RIDGE LANDFILL  
QUARTERLY LANDFILL GAS MONITORING AND ACTIVITIES REPORT  
2nd QUARTER 2019**

**SIGNIFICANT ACTIVITIES**

(1) Regular gas monitoring occurred on 04/03/2019 and is presented below. No gas was detected.

**GAS MONITORING RESULTS**

Date Monitored: April 3, 2019  
Analyst: Walter D. Taylor  
Instrument Type: GEM 5000; Serial No: G504960  
Calibration Acceptable: Yes; Span Gas 15% Volume, Response 15.0%

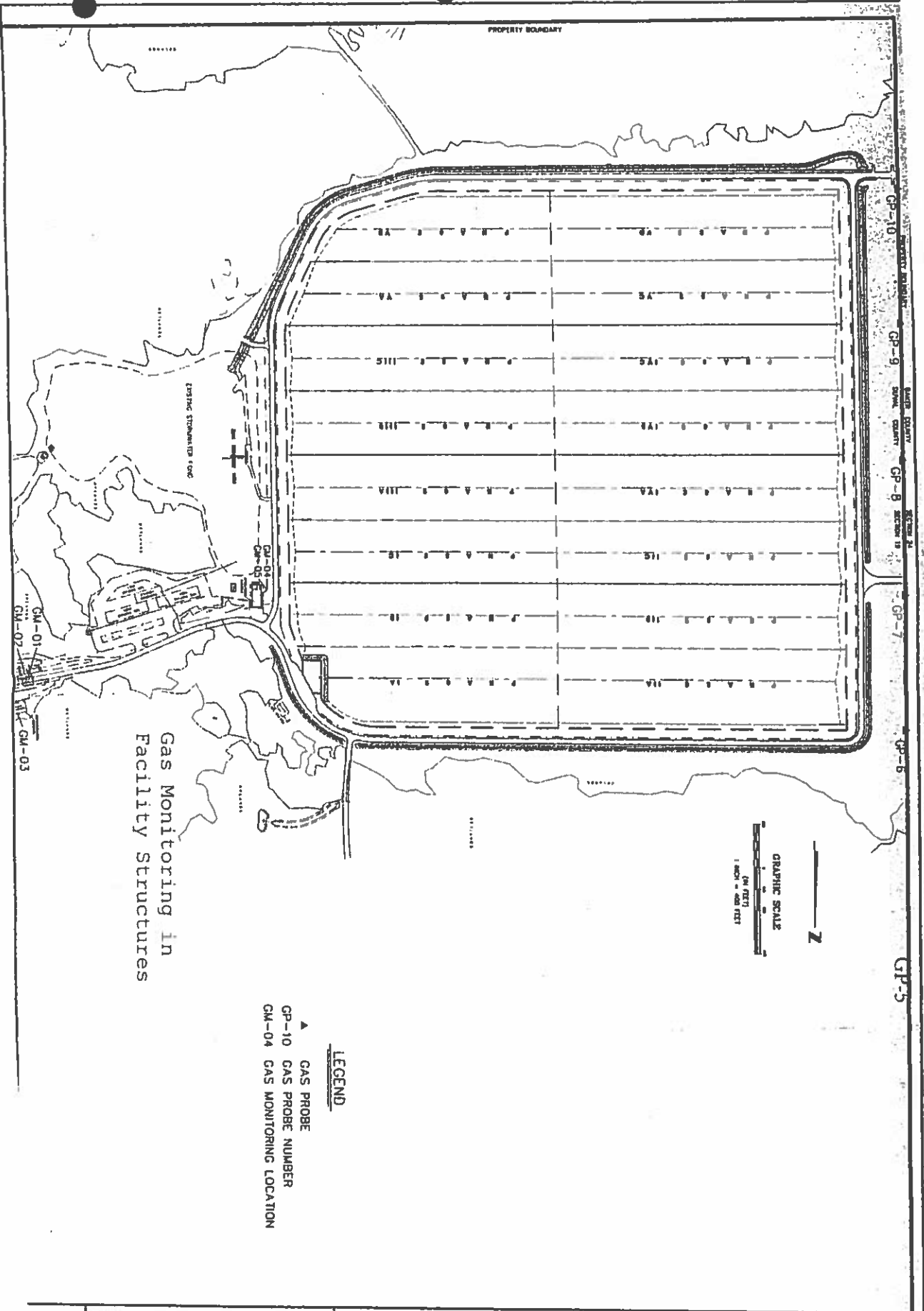
Water Level Instrument Type: Slope Indicator; Serial No. N/A  
Weather Conditions: 63-F, Sunny, Winds: NE at 07 Mph  
Barometric Pressure: 30.34" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	09:14	N/A	0.00%	0.00%	0.0'	
GP-6	09:11	N/A	0.00%	0.00%	0.0'	
GP-7	09:06	N/A	0.00%	0.00%	0.0'	
GP-8	09:00	N/A	0.00%	0.00%	0.0'	
GP-9	08:56	N/A	0.00%	0.00%	0.0'	
GP-10	08:54	N/A	0.00%	0.00%	0.0'	
MM-1	09:46	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	09:43	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	09:42	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	09:36	N/A	0.00%	0.00%	N/A	OP's Building 1 <sup>st</sup> Floor
MM-5	09:37	N/A	0.00%	0.00%	N/A	OP's Building 2 <sup>nd</sup> Floor
MM-6	09:30	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	09:31	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	09:52	N/A	0.00%	0.00%	N/A	IET Office
MM-9	09:51	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	09:50	N/A	0.00%	0.00%	N/A	WM Conex

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

# Gas Monitoring Probe, Typ.

ATTACHMENT C



<b>England-Thiery &amp; Miller, Inc.</b> PROJECT - PLANNING - SURVEYS - LANDSCAPE ARCHITECTS 14700 ST. JOSEPH ROAD JACKSONVILLE, FLORIDA 32218 CERTIFICATE OF AUTHORIZATION NUMBER 0000 PHONE (904) 922-0000 FAX (904) 922-0000	<b>GAS PROBE PLAN</b> TRAIL RIDGE LANDFILL PERMIT RENEWAL FOR TRAIL RIDGE LANDFILL, INC.		DATE OF SET-OUT DRAWN BY: JAL CHECKED BY: JRC INCHES BY: JRC DATE: SEPTEMBER 15, 2000	REVISIONS



April 3, 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	03APR2019
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	63-F, Sunny, Winds: NE at 7 MPH
Barometric Pressure	30.34" 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(%)
TRLFLDCA	4/3/2019 7:06	14.8	15	0	70.2
TRLFLDCA	4/3/2019 7:07	0	0.1	11	88.9

Respectfully,

A handwritten signature in black ink, appearing to read "W.D. Taylor", is written over a horizontal line.

Walter D. Taylor

Landfill Gas Manager

Integrated Environmental Technology



6450 Bendelow Drive

Lakeland, Florida 33810

863-868-8384

