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, 2021

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. 2021
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 2021 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,

Eric Parker, CHMM
Environmental Protection Manager
Florida Market Area

cc: Morris Purvis, 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 2021

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 04/05/2021 and is presented below. No gas was detected.

GAS MONITORING RESULTS

Date Monitored: April 5, 2021
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: 73-F, Sunny, Winds: WNW at 05 mph
Barometric Pressure: 30.18" Hg

MONITORING POINT	TIME	PRESSURE (INCHES W.C.)	METHANE (% BY VOLUME OF AIR)	METHANE (% LEL)	LIQUID LEVEL (FT TOC)	COMMENTS
GP-5	10:37	N/A	0.00%	0.00%	0.0'	
GP-6	10:33	N/A	0.00%	0.00%	0.0'	
GP-7	10:28	N/A	0.00%	0.00%	0.0'	
GP-8	11:02	N/A	0.00%	0.00%	0.0'	
GP-9	10:56	N/A	0.00%	0.00%	0.0'	
GP-10	10:52	N/A	0.00%	0.00%	0.0'	
MM-1	11:41	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	11:38	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	11:36	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	11:28	N/A	0.00%	0.00%	N/A	OP's Building 1st Floor
MM-5	11:30	N/A	0.00%	0.00%	N/A	OP's Building 2nd Floor
MM-6	11:16	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	11:18	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	11:53	N/A	0.00%	0.00%	N/A	IET Office
MM-9	11:47	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	11:45	N/A	0.00%	0.00%	N/A	WM Conex

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

INTEGRATED
ENVIRONMENTAL TECHNOLOGY

April 5, 2021

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.

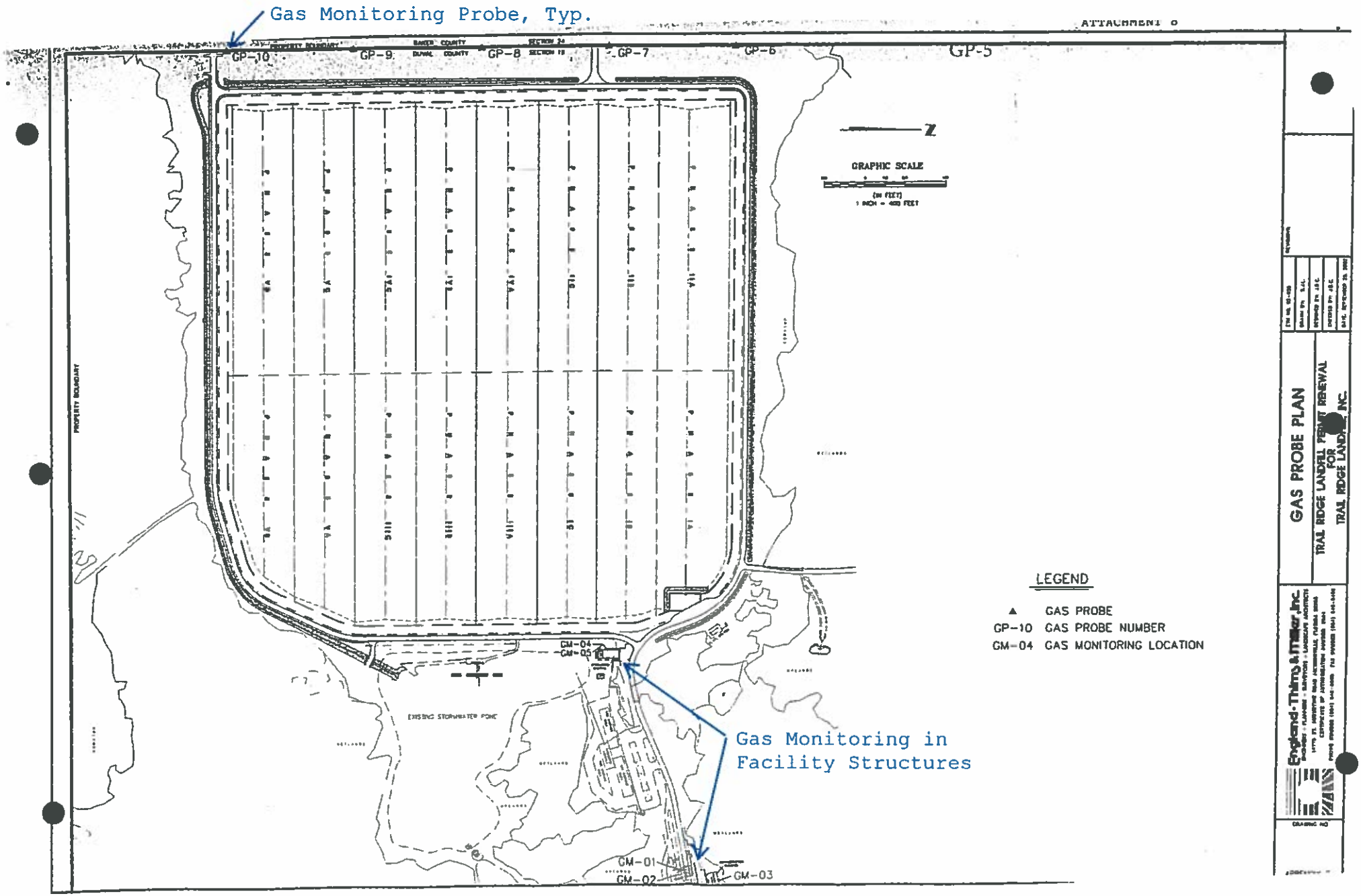
Date of Calibration	05APR2021
Calibration Gas:	Span Gas 15% CH4, 15% CO2, Balance N2
Lot Number:	1261938
Expiration Date:	JAN 2025
Weather Conditions	73-F, Sunny, Winds: WNW at 05 MPH
Barometric Pressure	30.18" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH4 (Methane)(%)	CO2 (Carbon Dioxide)(%)	O2 (Oxygen)(%)	Balance Gas(%)
TRLFLDCA	4/5/2021 9:55	14.8	14.8	0.2	70.2
TRLFLDCA	4/5/2021 10:01	0	0	11.2	88.8

Respectfully,

Walter D. Taylor
Landfill Gas Manager
Integrated Environmental Technology


Gas Monitoring Probe, Typ.
ATTACHMENT 6
GP-10
GP-9
GP-8
GP-7
GP-6
GP-5
PROPERTY BOUNDARY
GRAPHIC SCALE
LEGEND
GAS PROBE
GP-10 GAS PROBE NUMBER
GM-04 GAS MONITORING LOCATION
GM-04
GM-05
EXISTING STORMWATER POND
GM-01
GM-02
GM-03
Gas Monitoring in Facility Structures
GAS PROBE PLAN
TRAIL RIDGE LANDFILL PERMIT RENEWAL
FOR
TRAIL RIDGE LANDFILL, INC.
England-Thims & Miller, Inc.