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, 2020

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

Re: Trail Ridge Landfill
Methane Monitoring Results/3rd Qtr. 2020
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 4th Quarter 2020 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 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 2020

SIGNIFICANT ACTIVITIES

(1) Regular gas monitoring occurred on 10/02/2020 and is presented below. No gas was detected.

GAS MONITORING RESULTS

Date Monitored: October 2, 2020
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: 70-F, Sunny, Winds: N at 10 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	08:32	N/A	0.00%	0.00%	0.0'	
GP-6	08:28	N/A	0.00%	0.00%	0.0'	
GP-7	08:23	N/A	0.00%	0.00%	0.0'	
GP-8	08:08	N/A	0.00%	0.00%	0.0'	
GP-9	08:01	N/A	0.00%	0.00%	0.0'	
GP-10	07:57	N/A	0.00%	0.00%	0.0'	
MM-1	09:09	N/A	0.00%	0.00%	N/A	Scale House South
MM-2	09:07	N/A	0.00%	0.00%	N/A	Scale House North
MM-3	09:12	N/A	0.00%	0.00%	N/A	Admin Building
MM-4	08:58	N/A	0.00%	0.00%	N/A	OP's Building 1st Floor
MM-5	09:00	N/A	0.00%	0.00%	N/A	OP's Building 2nd Floor
MM-6	08:46	N/A	0.00%	0.00%	N/A	LES Control Room
MM-7	08:48	N/A	0.00%	0.00%	N/A	LES Engine Room
MM-8	09:20	N/A	0.00%	0.00%	N/A	IET Office
MM-9	09:17	N/A	0.00%	0.00%	N/A	IET Conex
MM-10	09:16	N/A	0.00%	0.00%	N/A	WM Conex

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

INTEGRATED
ENVIRONMENTAL TECHNOLOGY

October 2, 2020

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.

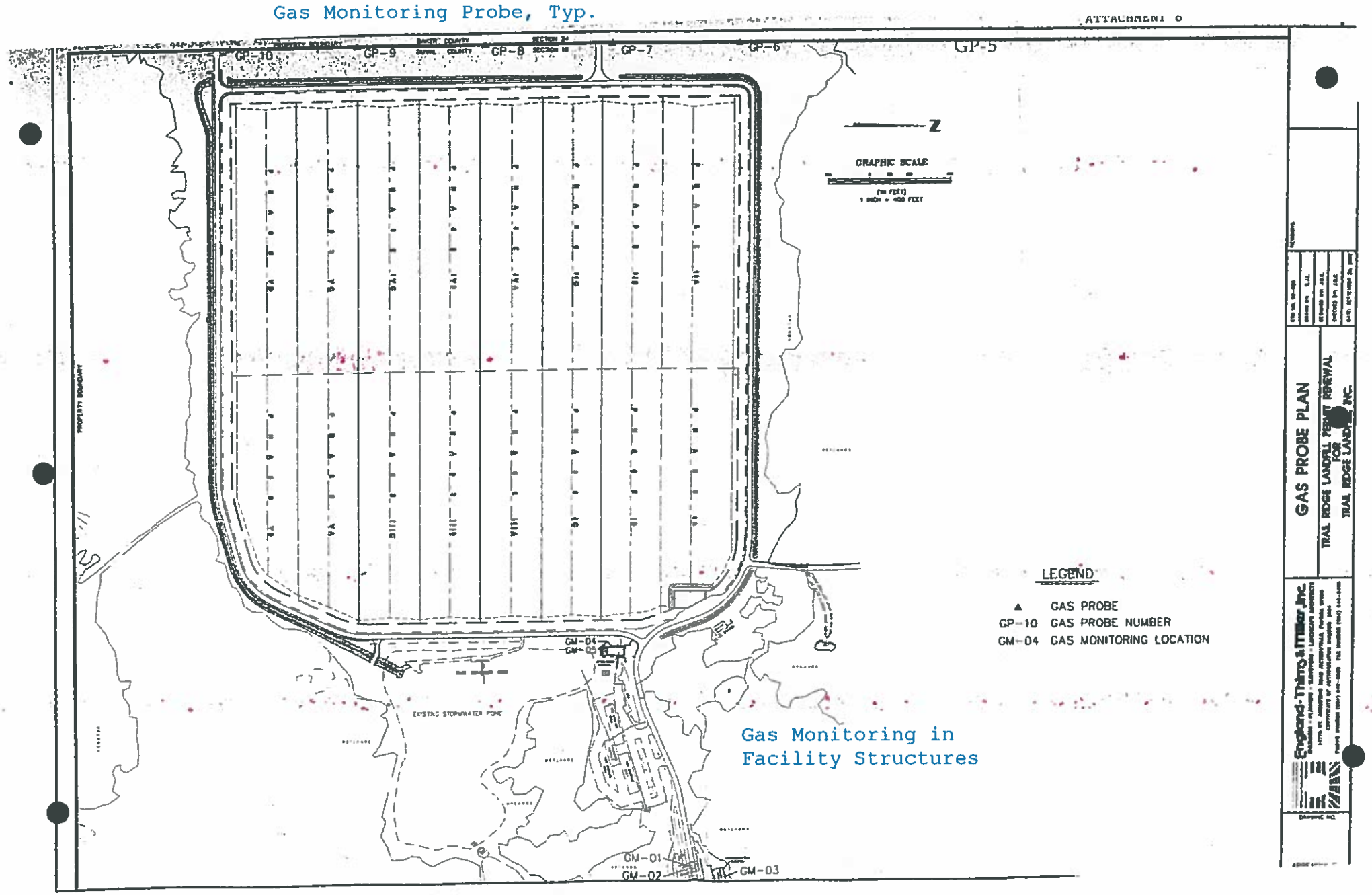
Date of Calibration	02OCT2020
Calibration Gas:	Span Gas 15% CH4, 15% CO2, Balance N2
Lot Number:	1261938
Expiration Date:	JAN 2025
Weather Conditions	70-F, Sunny, Winds: N at 10 MPH
Barometric Pressure	30.02" HG

GEM 5000 Calibration Details:

Device Name	Date Time	CH4 (Methane)(%)	CO2 (Carbon Dioxide)(%)	O2 (Oxygen)(%)	Balance Gas(%)	CH4/CO2
TRLFLDCA	10/2/2020 7:39	15	14.9	0.1	70	1.01
TRLFLDCA	10/2/2020 7:41	0	0.1	10.9	89	0

Respectfully,

Walter D. Taylor
Landfill Gas Manager
Integrated Environmental Technology


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