

From: [Bayne, Bradley J](#)
To: [Tafuni, Steven](#); [SWD_Waste](#)
Cc: [Ken Wheeler](#); "[Marissa Alexander](#)"; [Ofelia Reyna](#)
Subject: Hardee County Second Quarter 2020 Landfill Gas Survey_SWD/25/40612
Date: Friday, June 26, 2020 1:45:41 PM
Attachments: [SWD2540612_2nd Quarter 2020 Hardee County Landfill gas readings.pdf](#)
[GEM2000062220.pdf](#)

Steve,

The Landfill Gas Survey letter is attached, which relates to the following:

WACS Facility ID No. SWD/25/40612

Permit No. 38414-016-SO

2nd Quarter 2020 Landfill Gas Survey

This e-mail provides a PDF file containing the Hardee County Landfill 2nd Quarter Landfill Gas Survey.

Also attached is the GEM 2000 calibration sheet. Thanks,

Brad Bayne

PG

Sr. Scientist, East Sciences

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Certificate of Calibration

LandTech



Equipment Type:	GEM2000			
Date	June 22, 2020			
Serial #	GM07858			
Calibration Gas # 1	2.5% CH ₄ Vol. (50%LEL)			
Calibration Gas # 2	5% CO ₂			
Calibration Gas # 3				
Lot # (s)	LBH-340BS-1			
Expiration Date(s)	Nov-21			
Ambient Temperature	23°C (73.4°F)			
Instrument Reading: Ambient Air	0% CH ₄	0.1% CO ₂	20.9% O ₂	
Instrument Reading: Calibration Gas	2.5% CH ₄		4.9% CO ₂	0.1% O ₂
Calibrated By:	Nathan Peterson			

NOTES:

Signature:



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June 26, 2020

Mr. Steve Tafuni
Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

**Re: Second Quarter 2020 Landfill Gas Survey Results
Hardee County Solid Waste Disposal Facility
WACS Facility ID No.: SWD/25/40612
Permit No.: 38414-016-SO**

Dear Mr. Tafuni:

On behalf of the Hardee County Solid Waste Management Department, ATKINS would like to submit the methane (landfill gas) readings at the Hardee County Landfill for the Second Quarter of 2020. The readings were collected by ATKINS personnel on June 23, 2020. The readings are presented on the enclosed Table 1.

If you should have any questions concerning this report, please contact me at (813) 281-8377.

Sincerely,

Bradley J. Bayne, P.G.
Project Geologist

C: Mr. Ken Wheeler, Engineer, Hardee County Public Works, 685 Airport Road, Wauchula,
FL 33873
FILE

TABLE 1
HARDEE COUNTY LANDFILL
LANDFILL GAS READINGS
2nd QUARTER 2020

Gas Well	Date	Reading (% LEL)	Note No.
GP-1	6/23/2020	0.0	-
GP-2	6/23/2020	0.0	-
GP-3	N/A	N/A	1
GP-3R	6/23/2020	0.0	2
GP-4	N/A	N/A	1
GP-4R	6/23/2020	0.0	2
GP-5	N/A	N/A	1
GP-5R	6/23/2020	0.0	2
GP-6	N/A	N/A	1
GP-6R	6/23/2020	0.0	2
GP-7	N/A	N/A	1
GP-7R	6/23/2020	0.0	2
GP-8	N/A	N/A	1
GP-8R	6/23/2020	0.0	2
GP-9	6/23/2020	0.0	-
GP-10	6/23/2020	0.0	-
GP-11	6/23/2020	0.0	-
GP-12	6/23/2020	0.0	-
GP-13	6/23/2020	0.0	-

Notes:

N/A = Not Applicable

1. Gas probes abandoned due to landfill expansion.
2. Gas probes replaced due to landfill expansion.
(permit No.: 38414-016-SO)