

Smith, George

From: Bayne, Bradley J <Bradley.Bayne@atkinsglobal.com>
Sent: Friday, September 10, 2021 10:19 AM
To: Tafuni, Steven; SWD_Waste
Cc: Marissa Alexander; Ofelia Reyna
Subject: Hardee County Third Quarter 2021 Landfill Gas Survey_SWD/25/40612
Attachments: SWD2540612_3rd Quarter 2021 Hardee County Landfill Gas Readings.pdf; GEM2000090821.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
3rd Quarter 2021 Landfill Gas Survey

This e-mail provides a PDF file containing the Hardee County Landfill Second Quarter Landfill Gas Survey. Also attached is the GEM 2000 calibration sheet. Thanks,

Brad Bayne

PG
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Atkins, member of the SNC-Lavalin Group
4030 W Boy Scout Rd, Ste. 700, Tampa, FL 33607


At Atkins - member of the SNC-Lavalin Group, we work flexible hours around the world. Although I have sent this email at a time convenient for me, I don't expect you to respond until it works for you.

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Certificate of Calibration

LandTech



Equipment Type:	GEM2000				
Date	September 8, 2021	NOTES: <div style="border: 1px solid black; height: 80px; width: 100%;"></div>			
Serial #	GM07858				
Calibration Gas # 1	2.5% CH4 Vol. (50%LEL)				
Calibration Gas #2	5% CO2				
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% CH4	0.1% CO2	20.9% O2		
Instrument Reading: Calibration Gas	2.5% CH4		4.9% CO2	0.1% O2	
Calibrated By:	Nathan Peterson	Signature: 			

Peterson Environmental, Inc.
 6704 Benjamin Rd Suite 250
 Tampa, FL 33634
 Phone: 813-871-2626



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September 10, 2021

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

**Re: Third Quarter 2021 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 Third Quarter of 2021. The readings were collected by ATKINS personnel on September 9, 2021. 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,

A handwritten signature in blue ink that reads "Bradley J. Bayne".

Bradley J. Bayne, P.G.
Project Geologist

C: Marissa Alexander, 685 Airport Road, Wauchula, FL 33873
FILE

TABLE 1
HARDEE COUNTY LANDFILL
LANDFILL GAS READINGS
3rd QUARTER 2021

Gas Well	Date	Reading (% LEL)	Note No.
GP-1	9/9/2021	0.0	-
GP-2	9/9/2021	0.0	-
GP-3	N/A	N/A	1
GP-3R	9/9/2021	0.0	2
GP-4	N/A	N/A	1
GP-4R	9/9/2021	0.0	2
GP-5	N/A	N/A	1
GP-5R	9/9/2021	0.0	2
GP-6	N/A	N/A	1
GP-6R	9/9/2021	0.0	2
GP-7	N/A	N/A	1
GP-7R	9/9/2021	0.0	2
GP-8	N/A	N/A	1
GP-8R	9/9/2021	0.0	2
GP-9	9/9/2021	0.0	-
GP-10	9/9/2021	0.0	-
GP-11	9/9/2021	0.0	-
GP-12	9/9/2021	0.0	-
GP-13	9/9/2021	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)