

## Ramey, Ashleigh

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**From:** Tafuni, Steven  
**Sent:** Thursday, October 6, 2022 11:21 AM  
**To:** SWD\_Waste  
**Subject:** FW: Hardee County Solid Waste Disposal Facility - WACS Facility ID No.: SWD/25/40612 - Gas Monitoring Report -Quarter 3 2022 - ERMI File No. E4272A  
**Attachments:** E4272A Deliverable Landfill Gas Monitoring Summary.pdf

### *Steven Tafuni*

FDEP-SWD, Environmental Manager,  
Compliance Assurance Program  
13051 N. Telecom Pkwy  
Temple Terrace, FL 33637-0926  
tel: 813-470-5792  
E-mail: [Steven.Tafuni@floridadep.gov](mailto:Steven.Tafuni@floridadep.gov)

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**From:** Jon Ascher <[jascher@ermi.net](mailto:jascher@ermi.net)>  
**Sent:** Thursday, October 6, 2022 10:11 AM  
**To:** Tafuni, Steven <[Steven.Tafuni@FloridaDEP.gov](mailto:Steven.Tafuni@FloridaDEP.gov)>; ofelia.reyna@hardeecounty.net  
**Cc:** Carol Ann Cioban <[cacioban@ermi.net](mailto:cacioban@ermi.net)>; Stephanie Camejo <[scamejo@ermi.net](mailto:scamejo@ermi.net)>  
**Subject:** Hardee County Solid Waste Disposal Facility - WACS Facility ID No.: SWD/25/40612 - Gas Monitoring Report - Quarter 3 2022 - ERMI File No. E4272A

#### EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Good morning:

Attached please find the Landfill Gas Monitoring Summary – Quarter 3 2022 for the Hardee County Solid Waste Disposal Facility. Should you have any questions or wish to discuss our reports, please feel free to contact me directly at 239-415-6406 or [jascher@ermi.net](mailto:jascher@ermi.net).

Thank you,

Jon

**Jonathan Ascher, MS, LEP | Senior Project Manager**  
O: 239-415-6406 EXT: 226 | C: 239-560-6596 | [jascher@ermi.net](mailto:jascher@ermi.net)

**Environmental Risk Management**  
6835 International Center Boulevard, Suite 5  
Fort Myers, Florida 33912  
[www.ermi.net](http://www.ermi.net)



 Please consider the environment before printing this email



October 6, 2022

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

and

Ms. Ofelia Reyna  
Office Manager  
Hardee County Landfill  
412 West Orange Street  
Wauchula, Florida 33873

**RE: Landfill Gas Monitoring Summary – 2022 Quarter 3  
Hardee County Solid Waste Disposal Facility  
685 Airport Road  
Wauchula, Hardee County, Florida 33873  
WACS Facility ID No.: SWD/25/40612  
Permit No.: 38414-016-SO  
ERMI File No. E4272A**

Dear Mr. Tafuni:

Environmental Risk Management (ERMI) is pleased to present this landfill gas (methane) monitoring summary on behalf of the Hardee County Solid Waste Management Department. The survey summary documents methane readings that were collected by ERMI personnel on September 9, 2022, for the Third Quarter 2022. Please refer to **Table 1** for the methane summary and **Appendix A** for field notes and calibration log.

Please feel free to contact me at (239) 415-6406 or [jascher@ermi.net](mailto:jascher@ermi.net) with any questions or to discuss the project.

Respectfully submitted,  
**ENVIRONMENTAL RISK MANAGEMENT**

A handwritten signature in blue ink, appearing to read "Jonathan Ascher".

Jonathan Ascher, MS, LEP  
Senior Project Manager

**Table 1**  
Hardee County Landfill Gas Readings

**TABLE 1 : Landfill Gas Readings**

Facility Name: Hardee County Solid Waste Disposal Facility

SAMPLE			
Gas Well	DATE COLLECTED	Reading (% LEL)	COMMENTS
GP-1	9/9/2022	0.0	
GP-2	9/9/2022	0.0	
GP-3	Abandoned during landfill expansion		
GP-3R	9/9/2022	0.0	Replacement Probe
GP-4	Abandoned during landfill expansion		
GP-4R	9/9/2022	0.0	Replacement Probe
GP-5	Abandoned during landfill expansion		
GP-5R	9/9/2022	0.0	Replacement Probe
GP-6	Abandoned during landfill expansion		
GP-6R	9/9/2022	0.0	Replacement Probe
GP-7	Abandoned during landfill expansion		
GP-7R	9/9/2022	0.0	Replacement Probe
GP-8	Abandoned during landfill expansion		
GP-8R	9/9/2022	0.0	Replacement Probe
GP-9	9/9/2022	0.0	
GP-10	9/9/2022	0.0	
GP-11	9/9/2022	0.0	
GP-12	9/9/2022	0.0	
GP-13	9/9/2022	0.0	

**Appendix A**  
Field Notes and Calibration Log

Location Wauchula, FL

Date 9/9/22

Project / Client E4272A

Z.A + S.G.

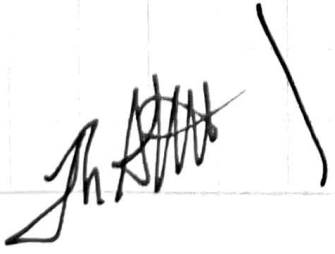
- 0515 Cal Equipment
- 0530 Load Truck
- 0545 ERMI leave FM in T-002
- 0730 Arrive on site

- Begin Gas Monitoring

<u>Gas Point</u>	<u>Time</u>	<u>Methane Content</u>
GP-1	0755	0%
GP-2	0800	0%
GP-3R	0805	0%
GP-4R	0810	0%
GP-5R	0815	0%
GP-6R	0820	0%
GP-7R	0825	0%
GP-8R	0830	0%
GP-9	0735	0%
GP-10	0740	0%
GP-11	0745	0%
GP-12	0835	0%
GP-13	0840	0%

0900 ERMI off site

1100 Arrive in FM



## HARDEE COUNTY LANDFILL LFG MONITORING FORM

SAMPLER'S NAME:	Zack Allison	PROJECT NAME:	Hardee County Landfill	
DATE:		PROJECT:	LFG Monitoring	LOCATION: Wauchula
WEATHER CONDITIONS:				
SAMPLE ID	TIME SAMPLE TAKEN	METHANE CONTENT (%LEL)	COMMENTS:	
GP-1	0755	0%		
GP-2	0800	0%		
GP-3R	0805	0%		
GP-4R	0810	0%		
GP-5R	0815	0%		
GP-6R	0820	0%		
GP-7R	0825	0%		
GP-8R	0830	0%		
GP-9	0735	0%		
GP-10	0740	0%		
GP-11	0745	0%		
GP-12	0835	0%		
GP-13	0840	0%		
		<del>0%</del>		
Maintenance Bldg***		<del>0%</del>		
Scalehouse***				
MRF***				
Animal Control Bldg***				

NOTES:

\*\*\* Sample locations within the buildings include any slab penetrations, enclosed spaces, or electrical conduits and as shown on the figures.





Calibrated at Geotech's Florida service center

12165 Metro Parkway #25B

Fort Myers, FL 33966

(800) 304-5325 Fax: (239) 476-8893

# RKI Eagle 2 Calibration Certificate

Unit Number: 7269

Field Calibration Date: 7/11/2022 10:42 AM

Serial Number: E2J042

Technician: Andy Jimenez

- Cleaned Unit and Case
- Visually inspect for damage and missing parts
- Manual is on USB.

Battery (V)	5.5 V	Pass
Spare Battery (V)	6 V	Pass
Pump flow	600 ml/min	Pass

## Zero

Gas Zered	Zero	Reading	Variance		Zero Gas	Lot #
LEL CH <sub>4</sub>	0 %	0 %	0.00%	Pass	Ambient Air	Not Applicable
CO <sub>2</sub>	0 %	0 %	0.00%	Pass	CO <sub>2</sub> Scrubber	Not Applicable
CO	0 ppm	0 ppm	0.00%	Pass	Ambient Air	Not Applicable
H <sub>2</sub> S	0 ppm	0 ppm	0.00%	Pass	Ambient Air	Not Applicable
O <sub>2</sub>	20.9 %	20.9 %	0.00%	Pass	Ambient Air	Not Applicable

## Span

Gas Spaned	Span	Reading	Variance		Calibration Gas	Lot #	Exp. Date	
LEL CH <sub>4</sub>	50 %	50 %	0.00%	Pass	RKI 4 Gas	21-8395	12/23	Pass
CO <sub>2</sub>	15 %	15 %	0.00%	Pass	Gem Gas	21-7990	7/25	Pass
CO	50 ppm	50 ppm	0.00%	Pass	RKI 4 Gas	21-8395	12/23	Pass
H <sub>2</sub> S	25 ppm	25 ppm	0.00%	Pass	RKI 4 Gas	21-8395	12/23	Pass
O <sub>2</sub>	12 %	12 %	0.00%	Pass	RKI 4 Gas	21-8395	12/23	Pass

Geotech Environmental Equipment, Inc. takes pride in ensuring this instrument is tested to function as specified by the manufacturer and was calibrated in accordance to manufacturer specifications. All calibration standards used are NIST traceable. With the provided lot numbers we can provide NIST documents on request. Call us at (800) 833-7958 and we will be glad to help.