

## Johnson, Sabrina O

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**From:** Black, Alexis  
**Sent:** Wednesday, April 1, 2020 6:33 AM  
**To:** SWD\_Waste  
**Subject:** FW: Hardee County First Quarter 2020 Landfill Gas Survey\_SWD/25/40612  
**Attachments:** GEM2000032620.pdf



*Alexis Black*

Environmental Specialist II  
Compliance Assurance Program  
Florida Department of Environmental Protection  
Southwest District

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**From:** Bayne, Bradley J <Bradley.Bayne@atkinsglobal.com>  
**Sent:** Tuesday, March 31, 2020 5:00 PM  
**To:** Black, Alexis <Alexis.Black@FloridaDEP.gov>  
**Cc:** Tafuni, Steven <Steven.Tafuni@FloridaDEP.gov>  
**Subject:** RE: Hardee County First Quarter 2020 Landfill Gas Survey\_SWD/25/40612

Alexis,

See attached. The GEM 2000 was rented from Peterson Environmental. Thanks,

**Brad Bayne**

PG  
Sr. Scientist, East Sciences  
North America  
Engineering, Design and Project Management  
Tel: +1 813 281-8377 Mob: +1 727 424-6716

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

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**From:** Black, Alexis <[Alexis.Black@FloridaDEP.gov](mailto:Alexis.Black@FloridaDEP.gov)>  
**Sent:** Tuesday, March 31, 2020 2:08 PM  
**To:** Bayne, Bradley J <[Bradley.Bayne@atkinsglobal.com](mailto:Bradley.Bayne@atkinsglobal.com)>  
**Cc:** Tafuni, Steven <[Steven.Tafuni@FloridaDEP.gov](mailto:Steven.Tafuni@FloridaDEP.gov)>  
**Subject:** RE: Hardee County First Quarter 2020 Landfill Gas Survey\_SWD/25/40612

Hi Bradley:

I hope you're well! Would you send over the calibration logs for this sampling event at your earliest convenience?

Thank you,  
Alexis



*Alexis Black*

Environmental Specialist II  
Compliance Assurance Program  
Florida Department of Environmental Protection  
Southwest District

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**From:** Bayne, Bradley J <[Bradley.Bayne@atkinsglobal.com](mailto:Bradley.Bayne@atkinsglobal.com)>  
**Sent:** Monday, March 30, 2020 11:02 AM  
**To:** Tafuni, Steven <[Steven.Tafuni@FloridaDEP.gov](mailto:Steven.Tafuni@FloridaDEP.gov)>; SWD\_Waste <[SWD\\_Waste@dep.state.fl.us](mailto:SWD_Waste@dep.state.fl.us)>  
**Cc:** Ken Wheeler <[Ken.Wheeler@hardeecounty.net](mailto:Ken.Wheeler@hardeecounty.net)>; Ofelia Reyna <[Ofelia.Reyna@hardeecounty.net](mailto:Ofelia.Reyna@hardeecounty.net)>; 'Marissa Alexander' <[mda@ufl.edu](mailto:mda@ufl.edu)>  
**Subject:** Hardee County First Quarter 2020 Landfill Gas Survey\_SWD/25/40612

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  
1<sup>st</sup> Quarter 2020 Landfill Gas Survey

This e-mail provides a PDF file containing the Hardee County Landfill 1<sup>st</sup> Quarter Landfill Gas Survey. Thanks,

**Brad Bayne**

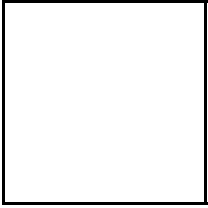
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# Certificate of Calibration

## LandTech



<b>Equipment Type:</b>	GEM2000				
<b>Date</b>	March 26, 2020	<b>NOTES:</b>			
<b>Serial #</b>	GM07858				
<b>Calibration Gas # 1</b>	2.5% CH <sub>4</sub> Vol. (50%LEL)				
<b>Calibration Gas #2</b>	5% CO <sub>2</sub>				
<b>Calibration Gas #3</b>					
<b>Lot # (s)</b>	LBH-340BS-1				
<b>Expiration Date(s)</b>	Nov-21				
<b>Ambient Temperature</b>	23°C (73.4°F)				
<b>Instrument Reading: Ambient Air</b>	0% CH <sub>4</sub>	0.1% CO <sub>2</sub>	20.9% O <sub>2</sub>		
<b>Instrument Reading: Calibration Gas</b>	2.6% CH <sub>4</sub>			4.9% CO <sub>2</sub>	0.1% O <sub>2</sub>
<b>Calibrated By:</b>	Nathan Peterson	<b>Signature:</b>			