

## Smith, George

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**From:** Candia Mulhern <cmulhern@pascocountyfl.net>  
**Sent:** Friday, October 01, 2021 10:50 AM  
**To:** SWD\_Waste  
**Cc:** Justin G. Roessler  
**Subject:** 45799 Resource Recovery Gas Monitoring QTR III, 2021  
**Attachments:** 2021\_Qtr\_III\_45799\_Gas\_Submittal.pdf

### EXTERNAL MESSAGE

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

Attached are the results of gas monitoring conducted at the Resource Recovery site.  
If you have any questions please feel free to contact me



**Candia E. Mulhern**  
Laboratory Manager  
Utilities Environmental Laboratory  
Pasco County  
P 727-847-8902  
F 727-847-8112  
8864 Government Drive  
New Port Richey, FL 34654  
[cmulhern@pascocountyfl.net](mailto:cmulhern@pascocountyfl.net)

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CUSA18A7



Pasco County Utilities Services Branch  
Environmental Laboratory  
8864 Government Dr.  
New Port Richey, FL 34654

Office (727) 847-8902  
Fax (727) 847-8112  
DHRS #E44123

October 1, 2021

Florida Department of  
Environmental Protection  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637

RE: Pasco County Resource Recovery  
WACS ID 45799  
Quarter III, 2021 Gas Monitoring

To Whom It May Concern:

Enclosed please find the results of gas monitoring conducted at Pasco County Resource Recovery as required in the permit for this facility. The gas monitoring was conducted using a CES Landtec 5000 Gas Meter. The meter was allowed to run until a stable reading was obtained. Readings recorded at the site were  $\leq 0.20\%$  LEL.

This completes the Quarter III, 2021 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

ENC.

cc: Charles Cullen, Utilities Engineering Director  
Justin Roessler, Solid Waste Deputy Director

## UTILITIES ENVIRONMENTAL LABORATORY

727-847-8902 | Environmental Laboratory | 8864 Government Dr. | New Port Richey, FL 34654



## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15139**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 11:03  
Sampled By: GTORREY

Sample ID: 2MW1 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	11:03	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	11:03	GST	DRY	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123

EPA Lab Code: FL00137



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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15140**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 10:53  
Sampled By: GTORREY

Sample ID: 4MW1 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:53	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:53	GST	14.15	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

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Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15141**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 10:40

Sampled By: GTORREY

Sample ID: 2MW2 @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:40	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:40	GST	18.98	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15142**

Sample ID: **4MW2 @ RESREC**

Sample Method: **Pumped**

Sample Matrix: **GAS**

Date Sampled: **09/29/2021**

Date Received: **09/29/2021**

Time Sampled: **10:30**

Time Received: **13:30**

Sampled By: **GTORREY**

Received By: **LAB**

Delivered By: **GT**

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:30	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:30	GST	19.2	D	Feet	0

### Analysis Comments

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Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15143**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 09:43  
Sampled By: GTORREY

Sample ID: 2MW4 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:43	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	09:43	GST	DRY	D	Feet	0

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Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15144**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 09:35  
Sampled By: GTORREY

Sample ID: 4MW4 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:35	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	09:35	GST	20.5	D	Feet	0

### Analysis Comments

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Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15145**

Sample ID: 2MW5 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 10:00

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:00	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:00	GST	DRY	D	Feet	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15146**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 09:56  
Sampled By: GTORREY

Sample ID: 4MW5 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:56	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	09:56	GST	17.8	D	Feet	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15147**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 10:13

Sampled By: GTORREY

Sample ID: 2MW6 @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:13	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:13	GST	DRY	D	Feet	0

### Analysis Comments

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15148**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 10:20

Sampled By: GTORREY

Sample ID: 4MW6 @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:20	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:20	GST	21.45	D	Feet	0


### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, Fl

Report Date: 10/1/2021

John Power

Sample Number: **AD15149**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 07:08  
Sampled By: GTORREY

Sample ID: 2MW7 @ CLASS III  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:08	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:08	GST	DRY	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, Fl

Report Date: 10/1/2021

John Power

Sample Number:	AD15150	Sample ID:	2MW8 @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	07:15	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAB
		Delivered By:	GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:15	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:15	GST	DRY	D	Feet	0

### Analysis Comments

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class III Landfill

Hays Road

Shady Hills, FL

Report Date: 10/1/2021

John Power

Sample Number: **AD15151**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 07:12  
Sampled By: GTORREY

Sample ID: 2MW10 @ CLASS III  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:12	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:12	GST	DRY	D	Feet	0

### Analysis Comments

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15152**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 07:35

Sampled By: GTORREY

Sample ID: 4MW11D @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:35	GST	0.2	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:35	GST	31.05	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15153**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 07:43

Sampled By: GTORREY

Sample ID: 4MW12D @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:43	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:43	GST	22.85	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

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State Laboratory ID: E44123

EPA Lab Code: FL00137



## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15154**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 07:55  
Sampled By: GTORREY

Sample ID: 2MW13 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:55	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:55	GST	19.55	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

**This Document Meets All the Requirements of the 2016 TNI Standards**

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15155**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 08:01  
Sampled By: GTORREY

Sample ID: 4MW13D @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:01	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:01	GST	DRY	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15156**

Sample ID: 4MW14D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 08:09

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:09	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:09	GST	18.68	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15157**

Sample ID: 2MW15 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 07:30

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	07:30	GST	0.2	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:30	GST	18.85	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15158**

Sample ID: 2MW17S @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 08:35

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:35	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:35	GST	22.95	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15159**

Sample ID: 2MW18D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 08:48

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:48	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:48	GST	DRY	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15160**

Sample ID: 2MW19 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 08:57

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:57	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:57	GST	21.25	D	Feet	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15161**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 08:42

Sampled By: GTORREY

Sample ID: GMP1 @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:42	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15162**

Sample ID: GMP2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 09:15

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:15	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

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Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15163**

Sample ID: GMP3 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 09/29/2021

Date Received: 09/29/2021

Time Sampled: 08:30

Time Received: 13:30

Sampled By: GTORREY

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:30	GST	0.2	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD15164**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 08:52  
Sampled By: GTORREY

Sample ID: GMP4 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:52	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15165**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 09:03  
Sampled By: GTORREY

Sample ID: GMP5 @ RESREC  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:03	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 10/1/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD15166**

Sample Method: Pumped

Date Sampled: 09/29/2021

Time Sampled: 08:23

Sampled By: GTORREY

Sample ID: GMP6 @ RESREC

Sample Matrix: GAS

Date Received: 09/29/2021

Time Received: 13:30

Received By: LAB

Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:23	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, FL

Report Date: 10/1/2021

John Power

Sample Number:	AD15167	Sample ID:	LF OPERATIONS OFF @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	12:40	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAB
		Delivered By:	GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	12:40	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

XC = Reported value exceeds the MCL (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Landfill

Report Date: 10/1/2021

Hays Road

Shady Hills, FL

Justin Roessler

Sample Number: **AD15168**  
Sample Method: Pumped  
Date Sampled: 09/29/2021  
Time Sampled: 12:55  
Sampled By: GTORREY

Sample ID: SCALE HOUSE @ CLASS III  
Sample Matrix: GAS  
Date Received: 09/29/2021  
Time Received: 13:30  
Received By: LAB  
Delivered By: GT

### REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	12:55	GST	0.1	D	% LEL	0

### Analysis Comments

U = Indicates that the compound was analyzed for but not detected.

I = Reported value is greater than or equal to the detection limit, but less than PQL.

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