

## Johnson, Sabrina O

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**From:** Candia Mulhern <cmulhern@pascocountyfl.net>  
**Sent:** Monday, April 6, 2020 5:12 PM  
**To:** SWD\_Waste  
**Cc:** John Power; Justin G. Roessler  
**Subject:** 45799 Res Rec Gas Monitoring QII, 2020  
**Attachments:** 2020\_QII\_45799\_Res\_Rec\_Gas.pdf

Attached are the Quarter II, 2020 gas monitoring results for Resource Recovery, WACS #45799. These results were previously submitted under the wrong cover sheet (EPSL #45797).  
If you have any questions please feel free to contact me.



**Candia E. Mulhern**  
Laboratory Manager  
Utilities Environmental Lab  
Pasco County  
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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

April 6, 2020

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

RE: Pasco County Resource Recovery  
WACS ID 45799  
Quarter II, 2020 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. Calibration of the instrument was conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The meter was allowed to run until a stable reading was obtained. Readings recorded at the site were  $\leq 0.10\%$  LEL.

This completes the Quarter II, 2020 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  
John Power, Solid Waste 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: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93335**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:10  
Sampled By: GTORREY

Sample ID: 2MW1 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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
Water Level	DEP-SOP	04/02/2020	08:10	GST	DRY	D	Feet	0
Percent Lower Explosive Lin	METER	04/02/2020	08:10	GST	0.0	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

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

State Laboratory ID: E44123

EPA Lab Code: FL00137



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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93336**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:12  
Sampled By: GTORREY

Sample ID: 4MW1 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:12	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:12	GST	15.78	D	Feet	0

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

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93337**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:18  
Sampled By: GTORREY

Sample ID: 2MW2 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:18	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:18	GST	20.50	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: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93338**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:20  
Sampled By: GTORREY

Sample ID: 4MW2 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:20	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:20	GST	20.78	D	Feet	0

### Analysis Comments

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93339**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:31  
Sampled By: GTORREY

Sample ID: 2MW4 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:31	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:31	GST	DRY	D	Feet	0

### Analysis Comments

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

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93340**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:25  
Sampled By: GTORREY

Sample ID: 4MW4 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:25	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:25	GST	22.30	D	Feet	0

### Analysis Comments

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

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93341**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 08:50  
Sampled By: GTORREY

Sample ID: 2MW5 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	08:50	GST	0.1	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	08:50	GST	DRY	D	Feet	0

### Analysis Comments

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

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93342**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 09:01  
Sampled By: GTORREY

Sample ID: 4MW5 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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
Water Level	DEP-SOP	04/02/2020	09:01	GST	19.72	D	Feet	0
Percent Lower Explosive Lin	METER	04/02/2020	09:01	GST	0.0	D	% LEL	0

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93343**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 09:20  
Sampled By: GTORREY

Sample ID: 2MW6 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

## 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	04/02/2020	09:20	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	09:20	GST	DRY	D	Feet	0

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Candia E. Mulhern, Laboratory Manager

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93344**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 09:33  
Sampled By: GTORREY

Sample ID: 4MW6 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	09:33	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	09:33	GST	22.90	D	Feet	0

### Analysis Comments

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

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco

Class III Landfill

Hays Road

Shady Hills, Fl

Report Date: 4/3/2020

John Power

Sample Number: **AC93345**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 09:51  
Sampled By: GTORREY

Sample ID: 2MW7 @ CLASS III  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	09:51	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	09:51	GST	DRY	D	Feet	0

### Analysis Comments

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

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, Fl

Report Date: 4/3/2020

John Power

Sample Number: **AC93346**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:00  
Sampled By: GTORREY

Sample ID: 2MW8 @ CLASS III  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:00	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:00	GST	DRY	D	Feet	0

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93347**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 09:55  
Sampled By: GTORREY

Sample ID: 2MW10 @ CLASS III  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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
Water Level	DEP-SOP	04/02/2020	09:55	GST	DRY	D	Feet	0
Percent Lower Explosive Lin	METER	04/02/2020	09:55	GST	0.0	D	% LEL	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93348**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:15  
Sampled By: GTORREY

Sample ID: 4MW11D @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:15	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:15	GST	33.02	D	Feet	0

### Analysis Comments

Candia E. Mulhern, Laboratory Manager

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93349**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:37  
Sampled By: GTORREY

Sample ID: 4MW12D @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:37	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:37	GST	23.90	D	Feet	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93350**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:43  
Sampled By: GTORREY

Sample ID: 2MW13 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:43	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:43	GST	DRY	D	Feet	0

### Analysis Comments

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

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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



## 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: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93351**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:51  
Sampled By: GTORREY

Sample ID: 4MW13D @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:51	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:51	GST	23.44	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: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93352**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 11:03  
Sampled By: GTORREY

Sample ID: 4MW14D @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	11:03	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	11:03	GST	19.60	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.

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93353**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:18  
Sampled By: GTORREY

Sample ID: 2MW17S @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:18	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:18	GST	24.86	D	Feet	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93354**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:21  
Sampled By: GTORREY

Sample ID: 2MW18D @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:21	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:21	GST	24.30	D	Feet	0

### Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93355**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:25  
Sampled By: GTORREY

Sample ID: 2MW19 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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
Water Level	DEP-SOP	04/02/2020	10:25	GST	23.0	D	Feet	0
Percent Lower Explosive Lin	METER	04/02/2020	10:25	GST	0.0	D	% LEL	0

### Analysis Comments

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Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93356**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 12:41  
Sampled By: GTORREY

Sample ID: GMP1 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	12:41	GST	0.0	D	% LEL	0

### Analysis Comments

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

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93357**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 12:21  
Sampled By: GTORREY

Sample ID: GMP2 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	12:21	GST	0.0	D	% LEL	0

### Analysis Comments

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

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93358**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 12:33  
Sampled By: GTORREY

Sample ID: GMP3 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	12:33	GST	0.0	D	% LEL	0

### Analysis Comments

Candia E. Mulhern, Laboratory Manager

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AC93359**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 12:52  
Sampled By: GTORREY

Sample ID: GMP4 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	12:52	GST	0.0	D	% LEL	0

### Analysis Comments

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### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93360**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 13:10  
Sampled By: GTORREY

Sample ID: GMP5 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	13:10	GST	0.0	D	% LEL	0

### Analysis Comments

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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93361**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 13:15  
Sampled By: GTORREY

Sample ID: GMP6 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	13:15	GST	0.0	D	% LEL	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: 4/3/2020

John Power

Sample Number: **AC93362**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 13:18  
Sampled By: GTORREY

Sample ID: LF OPERATIONS OFF @ CLASS III  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	13:18	GST	0.0	D	% LEL	0

### Analysis Comments

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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 Landfill

Report Date: 4/3/2020

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93363**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 13:18  
Sampled By: GTORREY

Sample ID: SCALE HOUSE @ CLASS III  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	13:18	GST	0.0	D	% LEL	0

### Analysis Comments

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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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Chris Childress, QA/QC Officer

### CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 4/3/2020

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC93364**  
Sample Method: Pumped  
Date Sampled: 04/02/2020  
Time Sampled: 10:03  
Sampled By: GTORREY

Sample ID: 2MW15 @ RESREC  
Sample Matrix: GAS  
Date Received: 04/02/2020  
Time Received: 14:40  
Received By: LAB  
Delivered By: GST

### 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	04/02/2020	10:03	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	04/02/2020	10:03	GST	20.64	D	Feet	0

### Analysis Comments

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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

EH Subregional WWTF  
9512 Crabtree Lane  
New Port Richey, FL 34654

Report Date: 4/3/2020

Sample Number: **AC93389**  
Sample Method: Compliance  
Date Sampled: 04/03/2020  
Time Sampled: 11:10  
Sampled By: GTORREY

Sample ID: EXMW-2 @ FOX HOLLOW  
Sample Matrix: GW  
Date Received: 04/03/2020  
Time Received: 11:50  
Received By: TA  
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
Water Level (NGVD)	DEP-SOP	04/03/2020	11:10	GST	DRY	D	Ft.	0

### Analysis Comments

Candia E. Mulhern, Laboratory Manager

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