

Smith, George

From: Candia Mulhern <cmulhern@pascocountyfl.net>
Sent: Wednesday, November 10, 2021 12:17 PM
To: SWD_Waste
Cc: Charles Cullen; Justin G. Roessler
Subject: Resource Recovery #45799 - Gas Monitoring QTR IV
Attachments: 2021_Qtr_IV_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 Pasco County Resource Recovery site, WACS ID# 45799, for Quarter IV, 2021.

If you have any questions feel free to contact me.



Candia E. Mulhern
Laboratory Manager
Utilities Environmental Laboratory
Pasco County
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"Serving Our Community to Create a Better Future"



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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

November 10, 2021

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

RE: Pasco County Resource Recovery
WACS ID 45799
Quarter IV, 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 IV, 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

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Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16885**

Sample ID: 2MW1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 11/04/2021

Date Received: 11/04/2021

Time Sampled: 11:25

Time Received: 15:28

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	11/04/2021	11:25	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	11:25	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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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16886**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 11:20
Sampled By: GTORREY

Sample ID: 4MW1 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	11:20	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	11:20	GST	15.27	D	Feet	0

Analysis Comments

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

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Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16887**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:13
Sampled By: GTORREY

Sample ID: 2MW2 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:13	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:13	GST	19.9	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: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16888**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:17
Sampled By: GTORREY

Sample ID: 4MW2 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:17	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:17	GST	20.15	D	Feet	0

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Resource Recovery

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Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16889**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:46
Sampled By: GTORREY

Sample ID: 2MW4 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
Received By: LAB
Delivered By: GT

REPORT OF ANALYSES

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Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	11/04/2021	10:46	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:46	GST	DRY	D	Feet	0

Analysis Comments

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Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16890**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:40
Sampled By: GTORREY

Sample ID: 4MW4 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	10:40	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:40	GST	21.4	D	Feet	0

Analysis Comments

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

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Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16891**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:53
Sampled By: GTORREY

Sample ID: 2MW5 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
Received By: LAB
Delivered By: GT

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Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	11/04/2021	10:53	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:53	GST	DRY	D	Feet	0

Analysis Comments

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16892**

Sample Method: Pumped

Date Sampled: 11/04/2021

Time Sampled: 11:00

Sampled By: GTORREY

Sample ID: 4MW5 @ RESREC

Sample Matrix: GAS

Date Received: 11/04/2021

Time Received: 15:28

Received By: LAB

Delivered By: GT

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Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	11/04/2021	11:00	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	11:00	GST	18.85	D	Feet	0

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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16893**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:05
Sampled By: GTORREY

Sample ID: 2MW6 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:05	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:05	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

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16894**

Sample Method: Pumped

Date Sampled: 11/04/2021

Time Sampled: 08:10

Sampled By: GTORREY

Sample ID: 4MW6 @ RESREC

Sample Matrix: GAS

Date Received: 11/04/2021

Time Received: 15:28

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	11/04/2021	08:10	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:10	GST	22.2	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

Report Date: 11/9/2021

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16895**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 09:15
Sampled By: GTORREY

Sample ID: 2MW7 @ CLASS III
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	09:15	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	09:15	GST	DRY	D	Feet	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco

Report Date: 11/9/2021

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16896**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 09:23
Sampled By: GTORREY

Sample ID: 2MW8 @ CLASS III
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	09:23	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	09:23	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

Resource Recovery

Report Date: 11/9/2021

Class III Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16897**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 09:10
Sampled By: GTORREY

Sample ID: 2MW10 @ CLASS III
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	09:10	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	09:10	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.

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16898**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:28
Sampled By: GTORREY

Sample ID: 4MW11D @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	10:28	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:28	GST	32.1	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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EPA Lab Code: FL00137



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Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16899**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:20
Sampled By: GTORREY

Sample ID: 4MW12D @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	10:20	GST	0.2	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:20	GST	23.1	D	Feet	0

Analysis Comments

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

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Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16900**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:12
Sampled By: GTORREY

Sample ID: 2MW13 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	10:12	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:12	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



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: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16901**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 10:00
Sampled By: GTORREY

Sample ID: 4MW13D @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	10:00	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	10:00	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.

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MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16902**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 09:43
Sampled By: GTORREY

Sample ID: 4MW14D @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	09:43	GST	0.1	D	% LEL	
Water Level (Static)	DEP-SOP	11/04/2021	09:43	GST	19.83	D	Feet	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16903**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 07:55
Sampled By: GTORREY

Sample ID: 2MW15 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	07:55	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	07:55	GST	19.9	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

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16904**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:30
Sampled By: GTORREY

Sample ID: 2MW17S @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:30	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:30	GST	23.9	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

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: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16905**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:36
Sampled By: GTORREY

Sample ID: 2MW18D @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:36	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:36	GST	23.4	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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MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16906**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:46
Sampled By: GTORREY

Sample ID: 2MW19 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:46	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	11/04/2021	08:46	GST	22.2	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

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16907**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:35
Sampled By: GTORREY

Sample ID: GMP1 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:35	GST	0.2	D	% LEL	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

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16908**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:46
Sampled By: GTORREY

Sample ID: GMP2 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:46	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).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16909**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:35
Sampled By: GTORREY

Sample ID: GMP3 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:35	GST	0.1	D	% LEL	0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

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

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16910**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:28
Sampled By: GTORREY

Sample ID: GMP4 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:28	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: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16911**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:23
Sampled By: GTORREY

Sample ID: GMP5 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:23	GST	0.1	D	% LEL	0

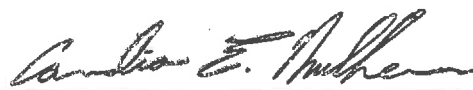
Analysis Comments

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).

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Report Date: 11/9/2021

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AD16912**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:41
Sampled By: GTORREY

Sample ID: GMP6 @ RESREC
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:41	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

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

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco

Report Date: 11/9/2021

Class III Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number: **AD16913**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:57
Sampled By: GTORREY

Sample ID: LF OPERATIONS OFF @ CLASS III
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:57	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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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: 11/9/2021

Hays Road

Shady Hills, FL

Justin Roessler

Sample Number: **AD16914**
Sample Method: Pumped
Date Sampled: 11/04/2021
Time Sampled: 08:00
Sampled By: GTORREY

Sample ID: SCALE HOUSE @ CLASS III
Sample Matrix: GAS
Date Received: 11/04/2021
Time Received: 15:28
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	11/04/2021	08:00	GST	0.1	D	% LEL	0

Analysis Comments

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

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