Johnson, Sabrina O

From: Candia Mulhern <cmulhern@pascocountyfl.net>

Sent: Monday, April 19, 2021 4:14 PM

To: SWD_Waste

Cc: Charles Cullen; Justin G. Roessler

Subject: 45799 Res Recovery Gas Monitoring Qtr II, 2021

Attachments: 2021_Qtr_II_45799_Gas_Submittal.pdf

Attached are the results of gas monitoring conducted at the Pasco County Resource Recovery Facility (45799) for Quarter II, 2021.

If you have any questions please feel free to contact me.



Candia E. Mulhern

Laboratory Manager Utilities Environmental Lab

Pasco County
P 727-847-8902
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8864 Government Dr.
New Port Richey, Fl 34654
cmulhern@pascocountyfl.net

"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

April 19, 2021

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

RE: Pasco County Resource Recovery WACS ID 45799 Quarter II, 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 <= 0.10% LEL.

This completes the Quarter II, 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

landes I Mulhe



8864 Government Drive

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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: 4/13/2021

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07351

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

07:20

GTORREY

Sample ID:

2MW1 @ RESREC

GAS

Sample Matrix: Date Received:

04/09/2021

Time Received:

13:55

Received By: Delivered By: LAB **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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021			0.1 DRY	D D	% LEL 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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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07352

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

07:24

GTORREY

Sample ID:

ample 15.

GAS

Sample Matrix:

04/09/2021

Date Received:
Time Received:

13:55

4MW1 @ RESREC

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	07:24 07:24		0.1 18.42	D D	% LEL Feet	0

Analysis Comments

 $\mbox{\bf U} = \mbox{\bf Indicates}$ 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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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

07:41

GTORREY

AD07353

Sample ID:

2MW2 @ RESREC

Sample Matrix:

GAS

Date Received: Time Received:

04/09/2021 13:55

Received By:

LAB

Candia E. Mulhern, Laboratory Manager

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021	07:41	GST	0.0	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	07:41	GST	23.41	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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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, Fl

Report Date: 4/13/2021

John Power

Sample Number:

AD07354

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

07:45

GTORREY

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Received By:

04/09/2021 13:55

GAS

4MW2 @ RESREC

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	07:45 07:45		0.1 23.78	D D	% LEL Feet	0 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

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method: Date Sampled:

Pumped 04/09/2021

AD07355

Time Sampled:

08:15

Sampled By:

GTORREY

Sample ID:

ie id:

2MW4 @ RESREC

Sample Matrix:

GAS

Date Received:

04/09/2021

Time Received:

13:55

Received By: Delivered By:

LAB 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021			0.0 DRY	D D	% LEL 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

Class I Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07356

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

08:09

GTORREY

Sample ID:

Sample Matrix:

Date Received:

04/09/2021 Time Received: 13:55

Received By: Delivered By: LAB

GAS

4MW4 @ RESREC

Candia E. Mulher

Candia E. Mulhern, Laboratory Manager

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	08:09 08:09		0.1 28.93	D D	% LEL Feet	0 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

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07357

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

09:20

Sampled By:

GTORREY

Sample ID:

Sample Matrix:

GAS

Date Received:

04/09/2021 13:55

2MW5 @ RESREC

Time Received:

LAB

Received By: 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	09:20 09:20		0.1 DRY	D D	% LEL Feet	0 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 Report Date: 4/13/2021

Resource Recovery

Class | Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07358

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

09:30

GTORREY

Sample ID:

Sample Matrix:

GAS

Date Received:

Time Received: 13:55 Received By:

Delivered By:

LAB

04/09/2021

4MW5 @ RESREC

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	04/09/2021	09:30	GST	0.0	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	09:30	GST	23.25	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).

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07359

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

07:55

Sampled By:

GTORREY

Sample ID:

mple Metric

GAS

2MW6 @ RESREC

Sample Matrix: Date Received:

04/09/2021

Time Received:

13:55

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021			0.1 DRY	D	% LEL Feet	0 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

Candio E. Mulher

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Chris Childress, OA/OC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07360

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

08:03

GTORREY

Sample ID:

4MW6 @ RESREC

Sample Matrix: **GAS**

Date Received:

Time Received: 13:55

Received By: Delivered By:

04/09/2021

LAB 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP		08:03 08:03	GST GST	0.1 26.24	D D	% LEL Feet	0 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

Canlia E. Thul

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

2MW7 @ CLASS III

West Pasco

Class III Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07361

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

REPORT OF ANALYSES

10:00

Sampled By:

GTORREY

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Received By:

13:55

04/09/2021

LAB

GAS

Delivered By: GT

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 04/09/2021 10:00 **GST** 0.1 D % LEL 0 Water Level (Static) **DEP-SOP** 04/09/2021 DRY D Feet 0 10:00 GST

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

Can lia E. Thulke

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

West Pasco

Class III Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07362

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

10:26

Sampled By:

GTORREY

Sample ID:

Sample Matrix:

GAS

Date Received:

04/09/2021

Time Received:

13:55

2MW8 @ CLASS III

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	10:26 10:26		0.1 DRY	D D	% LEL Feet	0 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

Report Date: 4/13/2021

Resource Recovery

Class III Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07363

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

10:20

GTORREY

Sample ID:

2MW10 @ CLASS III

Sample Matrix:

Date Received:

GAS 04/09/2021

Time Received:

13:55

Received By: Delivered By: LAB 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 Result Ву Qualifier Unit **Detection Limit** Percent Lower Explosive Lin METER 04/09/2021 10:20 **GST** 0.0 D % LEL 0 Water Level (Static) **DEP-SOP** 04/09/2021 10:20 **GST** DRY D 0 Feet

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

Candia Z. Mulhe

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Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method: Date Sampled:

04/09/2021

08:50

Time Sampled: Sampled By:

AD07364 Pumped

GTORREY

Sample ID:

4MW11D @ RESREC

GAS

Sample Matrix:

Date Received:

04/09/2021 13:55

Time Received: 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021	08:50	GST	0.0	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	08:50	GST	36.15	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

State Laboratory ID: E44123 EPA Lab Code: FL00137

Page 1 of 1

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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

Report Date: 4/13/2021

4MW12D @ RESREC

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method:

Date Sampled:

REPORT OF ANALYSES

Time Sampled:

Sampled By:

09:00 **GTORREY**

AD07365

Pumped 04/09/2021

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Received By:

04/09/2021 13:55

Candia E. Mulhern, Laboratory Manager

GAS

LAB

Delivered By: **GT** 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 04/09/2021 09:00 **GST** 0.0 D % LEL 0 Water Level (Static) **DEP-SOP** 04/09/2021 09:00 **GST** 21.17 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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Chris Childress, OA/OC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

2MW13 @ RESREC

Resource Recovery Report Date: 4/13/2021

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method:

Date Sampled: Time Sampled:

Sampled By:

AD07366

Pumped 04/09/2021

09:08

GTORREY

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Received By:

Delivered By:

LAB

GAS

13:55

04/09/2021

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	09:08 09:08		0.1 26.60	D D	% LEL Feet	0 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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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class | Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07367

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

09:12

GTORREY

Sample ID:

4MW13D @ RESREC

Sample Matrix:

GAS

Date Received: Time Received:

04/09/2021 13:55

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021 04/09/2021	09:12 09:12		0.1 DRY	D D	% LEL Feet	0 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

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123 EPA Lab Code: FL00137

Page 1 of 1

Canlin Z. 1/ml Candia E. Mulhern, Laboratory Manager



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Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07368

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

09:30 GTORREY Sample ID:

ample Metric

4MW14D @ RESREC GAS

Sample Matrix:

Date Received:

04/09/2021

Time Received:

13:55

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021	09:30	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	09:30	GST	23.74	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

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

Sample Method:

AD07369 Pumped

Date Sampled: Time Sampled: 04/09/2021

Sampled By:

07:30 **GTORREY** Sample ID:

2MW15 @ RESREC Sample Matrix:

GAS

Date Received: Time Received:

04/09/2021 13:55

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021	07:30		0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	07:30	GST	23.6	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

Candia E. Phus

This Document Meets All the Requirements of the 2016 TNI Standards

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class | Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

2MW17S @ RESREC

John Power

Sample Number:

AD07370

Sample Method:

Pumped

Date Sampled:

04/09/2021

GTORREY

Time Sampled: Sampled By:

08:30

ed Samp

Sample Matrix:

Sample ID:

GAS

Date Received:

04/09/2021

Time Received:

13:55 LAB

Received By: 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin Water Level (Static)	METER DEP-SOP	04/09/2021			0.1	D	% LEL	0
vvaler Lever (Static)	DEF-30F	04/09/2021	08:30	GST	28.47	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

Class I Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07371

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

08:37

Sampled By:

GTORREY

Sample ID:

2MW18D @ RESREC Sample Matrix:

GAS

Date Received:

04/09/2021

Time Received:

13:55 LAB

Received By: 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021	08:37		0.2	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	08:37	GST	27.9	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).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

Candia E. Mulher

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07372

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

08:41

Sampled By:

GTORREY

Sample ID:

Sample Matrix:

latrix: GAS

Date Received:

Time Received:

loopiyad Dyr

Received By: Delivered By: 13:55

04/09/2021

2MW19 @ RESREC

LAB 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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		04/09/2021			0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	04/09/2021	08:41	GST	26.50	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

Candia Z. Phelle

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07373

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

11:05

GTORREY

Sample ID:

Sample Matrix:

GAS

Date Received:

Time Received:

13:55 LAB

Received By: Delivered By:

GT

04/09/2021

GMP1 @ RESREC

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 04/09/2021 11:05 **GST** 0.0 D % LEL 0

Analysis Comments

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

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

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

MCL≃Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

Candia E. Mulher

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

AD07374

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

11:11

GTORREY

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Delivered By:

Received By:

13:55 LAB

GAS

04/09/2021

GMP2 @ RESREC

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 04/09/2021 **GST** 0.1 11:11 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

Cantio E. Mulh

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Chris Childress, OA/OC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery

Class | Landfill

Hays Road

Shady Hills, FI

Report Date: 4/13/2021

John Power

Sample Number:

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

11:21 **GTORREY**

AD07375 Sample ID:

Sample Matrix:

GAS

Date Received: Time Received:

13:55

04/09/2021

Received By:

LAB GT

Delivered By:

GMP3 @ RESREC

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 Ву Result Qualifier Unit **Detection Limit** Percent Lower Explosive Lin METER 04/09/2021 11:21 GST 0.1 % LEL D 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

Cantio E. Mulher

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07376

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled:

11:26

Sampled By:

GTORREY

Sample ID:

GMP4 @ RESREC **GAS**

Sample Matrix: Date Received:

04/09/2021

Time Received:

13:55

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 04/09/2021 11:26 **GST** 0.1 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

Cantio E. Mulher

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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07377

Sample Method:

Pumped

Date Sampled: Time Sampled:

04/09/2021

Sampled By:

12:30 GTORREY Sample ID:

Sample Matrix:

GMP5 @ RESREC GAS

Date Received:

04/09/2021

Time Received:

13:55

Received By: Delivered By:

LAB 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 04/09/2021 12:30 GST 0.1 % LEL D 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

Cantra E. Mulhen

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

Report Date: 4/13/2021

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07378

Sample Method:

Pumped

Date Sampled: Time Sampled:

12:43

Sampled By:

04/09/2021

GTORREY

Sample ID:

GMP5 @ RESREC **GAS**

Sample Matrix: Date Received:

04/09/2021

Time Received:

13:55

Received By: Delivered By:

LAB 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 04/09/2021 12:43 GST 0.1 D % LEL 0

Analysis Comments

Candia E. Mulhern, Laboratory Manager

Cantio Z. Phulher

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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Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 4/13/2021

LF OPERATIONS OFF @ CLASS III

West Pasco

Class III Landfill

Hays Road

Shady Hills, FI

John Power

Sample Number:

AD07379

Sample Method:

Pumped

Date Sampled:

04/09/2021

Time Sampled: Sampled By:

10:40

GTORREY

Sample ID:

Sample Matrix:

Date Received:

Time Received:

Received By:

Delivered By:

13:55 LAB GT

GAS

04/09/2021

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 Qualifier Result Unit **Detection Limit** Percent Lower Explosive Lin METER 04/09/2021 10:40 GST 0.1 D % LEL 0

Analysis Comments

Candia Z. Mulher Candia E. Mulhern, Laboratory Manager

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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