

## Smith, George

---

**From:** Candia Mulhern <cmulhern@pascocountyfl.net>  
**Sent:** Thursday, January 26, 2017 4:00 PM  
**To:** Morris, John R.; SWD\_Waste (Shared Mailbox)  
**Cc:** Robert Sigmond; John Power; 'Jason Gorrie'  
**Subject:** 45799\_2017\_QIV\_Gas\_Monitoring  
**Attachments:** 45799\_Gas\_Monitoring\_QIV\_2016.pdf

Attached please find the results of gas monitoring at the Pasco County Class I Landfill for QIV, 2016.

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

Candia E. Mulhern  
Laboratory Manager  
Pasco County Env. Lab  
8864 Government Dr.  
New Port Richey, FL 34654  
phone: (727) 847-8902  
fax: (727) 847-8112  
cmulhern@pascocountyfl.net



### *"Bringing Opportunities Home"*

The information transmitted, including attachments, is intended only for the person(s) or entity to which it is addressed and may contain material that is confidential, privileged and/or exempt from disclosure under applicable law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and destroy any copies of this information. Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

CUSA18A7



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

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

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

EMAIL: [cmulhern@pascocountyfl.net](mailto:cmulhern@pascocountyfl.net)

January 26, 2017

Mr. John Morris  
Waste Management Section  
Florida Department of  
Environmental Protection  
13051 N. Telecom Pkwy.  
Temple Terrace, FL 33637

RE: Pasco County Resource Recovery  
WACS ID 45799  
Quarter IV, 2016  
Gas Monitoring

Dear Mr. Morris:

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 for three minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

This completes the Quarter IV, 2016 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: Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager  
Jason Gorrie, JMG Eng



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

West Pasco

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/4/2017

Sample Number: **AC44903**

Sample Method: Pumped

Date Sampled: 10/18/2016

Time Sampled: 13:26

Sampled By: MARIAN B

Sample ID: LF OPERATIONS OFF @ CLASS III

Sample Matrix: GAS

Date Received: 10/25/2016

Time Received: 16:20

Received By: BB

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	13:26	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	13:26	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

West Pasco

HAYS RD.

Shady Hills, FL 34610

Report Date: 1/4/2017

Sample Number **AC44902**

Sample Method:

Date Sampled: 10/18/2016

Time Sampled: 11:13

Sampled By: MARIAN B

Sample ID: SCALE HOUSE AT RES RECOVERY

Sample Matrix: GAS

Date Received: 10/25/2016

Time Received: 16:20

Received By: BB

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	11:13	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	11:13	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44742**

Sample ID: 2MW1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/20/2016

Date Received: 10/20/2016

Time Sampled: 15:45

Time Received: 16:30

Sampled By: CEM

Received By: KS

Delivered By: CEM

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/20/2016	15:45	CEM	0.0		% LEL	0
Percent Volume Methane	METER	10/20/2016	15:45	CEM	0.0		% VOL	0
Water Level	DEP-SOP	10/20/2016	15:45	CEM	13.95		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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 3 of 25

1 28



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44741**

Sample ID: 4MW1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/20/2016

Date Received: 10/20/2016

Time Sampled: 15:46

Time Received: 16:30

Sampled By: CEM

Received By: KS

Delivered By: CEM

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/20/2016	15:46	CEM	0.0		% LEL	0
Percent Volume Methane	METER	10/20/2016	15:46	CEM	0.0		% VOL	0
Water Level	DEP-SOP	10/20/2016	15:46	CEM	14.20		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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44843**

Sample ID: 2MW2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 14:04

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	14:04	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	14:04	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	14:04	MBER	18.35	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 21 of 25

3 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44844**

Sample ID: 4MW2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 14:00

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	14:00	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	14:00	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	14:00	MBER	18.66	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

  
Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*  
NELAC Certification: E44123  
EPA Lab Code: FL00137





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number **AC44852**

Sample ID: 2MW4 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 14:50

Time Received: 9:43

Sampled By: MARIAN B

Received By: ec

Delivered By: mb

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	14:50	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	14:50	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	14:50	MBER	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 25 of 25

5 28



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44835**

Sample ID: 4MW4 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 15:00

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	15:00	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	15:00	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	15:00	MBER	20.93	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44826**

Sample ID: 2MW5 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 18:23

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	18:23	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	18:23	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	18:23	MBER	10.55	D	Feet	0

### Analysis Comments:

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

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

XC = Reported value exceeds the Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 5 of 25

7 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44825**

Sample ID: 4MW5 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 18:20

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	18:20	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	18:20	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	18:20	MBER	18.38	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 1 of 25

8 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44846**

Sample ID: 2MW6 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 14:20

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	14:20	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	14:20	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	14:20	MBER	21.80	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137

Page 24 of 25

9 28

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44845**

Sample ID: 4MW6 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 14:16

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	14:16	MBER	0	0	% LEL	0
Percent Volume Methane	METER	10/18/2016	14:16	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	14:16	MBER	21.20	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 23 of 25

10 28



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive  
New Port Richey, FL 34654  
Phone: (727) 847-8902 Fax: (727) 847-8112  
Contacts: Gloria Krueger, Senior Secretary  
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, FL  
John Power

Report Date: 10/25/2016

Sample Number:	AC44822	Sample ID:	2MW7 @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	10/18/2016	Date Received:	10/25/2016
Time Sampled:	11:28	Time Received:	8:02
Sampled By:	MARIAN B	Received By:	EC
		Delivered By:	MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	11:28	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	11:28	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	11:28	MBER	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*  
NELAC Certification: E44123  
EPA Lab Code: FL00137





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive  
New Port Richey, FL 34654  
Phone: (727) 847-8902 Fax: (727) 847-8112  
Contacts: Gloria Krueger, Senior Secretary  
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

West Pasco  
Class III Landfill  
Hays Road  
Shady Hills, FL  
John Power

Report Date: 10/25/2016

Sample Number:	AC44824	Sample ID:	2MW8 @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	10/18/2016	Date Received:	10/25/2016
Time Sampled:	12:03	Time Received:	8:02
Sampled By:	MARIAN B	Received By:	EC
		Delivered By:	MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	12:03	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	12:03	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	12:03	MBER	17.32	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 3 of 5

12 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive  
New Port Richey, FL 34654  
Phone: (727) 847-8902 Fax: (727) 847-8112  
Contacts: Gloria Krueger, Administrative Secretary  
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery  
Class III Landfill  
Hays Road  
Shady Hills, FL  
John Power

Report Date: 1/4/2017

Sample Number:	AC44823	Sample ID:	2MW10 @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	10/18/2016	Date Received:	10/25/2016
Time Sampled:	11:50	Time Received:	8:02
Sampled By:	MARIAN B	Received By:	EC
		Delivered By:	MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	11:50	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	11:50	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	11:50	MBER	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 Maximum Contaminant Level (F.A.C. 62-550).  
MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*  
NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/26/2017

Sample Number **AC44837**

Sample Method: Pumped

Date Sampled: 10/18/2016

Time Sampled: 16:46

Sampled By: MARIAN B

Sample ID: 4MW11D @ RESREC

Sample Matrix: GAS

Date Received: 10/25/2016

Time Received: 8:02

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:46	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:46	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	16:46	MBER	31.22	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44838**

Sample ID: 4MW12D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 16:52

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:52	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:52	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	16:52	MBER	22.36	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44840**

Sample ID: 2MW13 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 17:03

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	17:03	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	17:03	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	17:03	MBER	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 18 of 26

16 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number **AC44839**

Sample ID: 4MW13D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 16:57

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:57	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:57	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	16:57	MBER	21.78	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44841**

Sample ID: 4MW14D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 17:13

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	17:13	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	17:13	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	17:13	MBER	18.90	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137

Page 19 of 25

18' 28

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44842**

Sample ID: 2MW15 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 13:31

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	13:31	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	13:31	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	13:31	MBER	18.65	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 20 of 25

19 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44740**

Sample ID: 2MW17S @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/20/2016

Date Received: 10/20/2016

Time Sampled: 15:30

Time Received: 16:30

Sampled By: CEM

Received By: KS

Delivered By: CEM

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/20/2016	15:30	CEM	0.0		% LEL	0
Percent Volume Methane	METER	10/20/2016	15:30	CEM	0.0		% VOL	0
Water Level	DEP-SOP	10/20/2016	15:30	CEM	23.50		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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Sample Number **AC44827**

Sample ID: 2MW18D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 16:15

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:15	MBER	6	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:15	MBER	0.3	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	16:15	MBER	22.95	D	Feet	0

### Analysis Comments:

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

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

XC = Reported value exceeds the Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 6 of 25  
21 25



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44833**

Sample ID: 2MW19 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 13:31

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	13:31	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	13:31	MBER	0	D	% VOL	0
Water Level	DEP-SOP	10/18/2016	13:31	MBER	18.65	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 18 of 25

22 28





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44828**

Sample ID: GMP1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 16:29

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:29	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:29	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/26/2017

Sample Number **AC44829**

Sample Method: Pumped

Date Sampled: 10/18/2016

Time Sampled: 15:10

Sampled By: MARIAN B

Sample ID: GMP2 @ RESREC

Sample Matrix: GAS

Date Received: 10/25/2016

Time Received: 8:02

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	15:10	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	15:10	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/26/2017

Sample Number **AC44830**

Sample Method: Pumped

Date Sampled: 10/18/2016

Time Sampled: 15:20

Sampled By: MARIAN B

Sample ID: GMP3 @ RESREC

Sample Matrix: GAS

Date Received: 10/25/2016

Time Received: 8:02

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	15:20	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	15:20	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

NELAC Certification: E44123  
EPA Lab Code: FL00137





# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/26/2017

Sample Number **AC44834**

Sample ID: GMP4 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 16:04

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	16:04	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	16:04	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

This Document Meets All the Requirements of the 2003 NELAC Standards

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44832**

Sample ID: GMP5 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 15:35

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	15:35	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	15:35	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*

NELAC Certification: E44123

EPA Lab Code: FL00137

Page 14 of 25

27 28



# PASCO COUNTY, FLORIDA

*"Bringing Opportunities Home"*

## Pasco County Utilities Environmental Laboratory Report

8864 Government Drive

New Port Richey, FL 34654

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

Contacts: Gloria Krueger, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

### CLIENT/SAMPLE INFORMATION

Resource Recovery

Report Date: 1/26/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number **AC44831**

Sample ID: GMP6 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 10/18/2016

Date Received: 10/25/2016

Time Sampled: 15:25

Time Received: 8:02

Sampled By: MARIAN B

Received By: EC

Delivered By: MB

### REPORT OF ANALYSES

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

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	10/18/2016	15:25	MBER	0	D	% LEL	0
Percent Volume Methane	METER	10/18/2016	15:25	MBER	0	D	% VOL	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 Maximum Contaminant Level (F.A.C. 62-550).

MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Director

**This Document Meets All the Requirements of the 2003 NELAC Standards**

NELAC Certification: E44123  
EPA Lab Code: FL00137

Page 10 of 25

28 28

*"Pasco County—Florida's premier county for balanced economic growth, environmental sustainability, and first class service."*