

Hsu, Benjamin

From: Candia Mulhern <cmulhern@pascocountyfl.net>
Sent: Friday, May 12, 2017 1:21 PM
To: Morris, John R.; SWD_Waste
Cc: Robert Sigmond; John Power; 'Jason Gorrie'
Subject: 45799 Pasco County Resource Recovery Gas Monitoring QII, 2017
Attachments: 45799_Gas_Monitoring_QII_2017.pdf

Hi John:

Attached are the reports of gas monitoring conducted at Pasco County Resource Recovery for Quarter II, 2017. 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 Utilities Services Branch
Environmental Laboratory
8864 Government Dr.
New Port Richey, FL 34654

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

May 10, 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 II, 2017, 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 II, 2017 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 and Business Services Director
John Power, Solid Waste Facility Manager
Jason Gorrie, JMG Eng

UTILITIES ENVIRONMENTAL LABORATORY

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



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: 5/2/2017

Sample Number:	AC52062	Sample ID:	GMP1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	4/18/2017
Time Sampled:	12:18	Time Received:	14:46
Sampled By:	MARIAN B	Received By:	AS
		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	4/18/2017	12:18	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:18	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: 5/2/2017

Sample Number: **AC52063**

Sample ID: GMP2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 4/18/2017

Time Sampled: 11:29

Time Received: 14:46

Sampled By: MARIAN B

Received By: AS

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	4/18/2017	11:29	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	11:29	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

"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: 5/2/2017

Sample Number:	AC52064	Sample ID:	GMP3 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	4/18/2017
Time Sampled:	11:25	Time Received:	14:46
Sampled By:	MARIAN B	Received By:	AS
		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	4/18/2017	11:25	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	11:25	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

"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: 5/2/2017

Sample Number:	AC52065	Sample ID:	GMP4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	4/18/2017
Time Sampled:	12:29	Time Received:	14:46
Sampled By:	MARIAN B	Received By:	AS
		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	4/18/2017	12:29	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:29	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

"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: 5/2/2017

Sample Number:	AC52066	Sample ID:	GMP5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	4/18/2017
Time Sampled:	12:36	Time Received:	14:46
Sampled By:	MARIAN B	Received By:	AS
		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	4/18/2017	12:36	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:36	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

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

Report Date: 5/2/2017

Sample Number: **AC52067**

Sample ID: GMP6 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 4/18/2017

Time Sampled: 12:40

Time Received: 14:46

Sampled By: MARIAN B

Received By: AS

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	4/18/2017	12:40	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:40	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

COVANTA OF PASCO

14230 HAYS RD.

SPRING HILL, FL 34610

Viet Ta

Report Date: 5/9/2017

Sample Number: **AC52455**

Sample ID: SCALE HOUSE AT RES RECOVERY

Sample Method:

Sample Matrix: DW

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 14:02

Time Received: 13:10

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	14:02	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	14:02	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
Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Report Date: 5/9/2017

Sample Number:	AC52456	Sample ID:	LF OPERATIONS OFF @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	9:53	Time Received:	13:17
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	9:53	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	9:53	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: 5/9/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC52433**

Sample ID: 2MW1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 9:44

Time Received: 13:02

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	9:44	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	9:44	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	9:44	MBER	19.04	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: 5/9/2017

Sample Number:	AC52434	Sample ID:	4MW1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	9:49	Time Received:	13:02
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	9:49	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	9:49	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	9:49	MBER	19.22	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

"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: 5/9/2017

Sample Number: **AC52435**

Sample ID: 2MW2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 13:08

Time Received: 13:02

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	13:08	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	13:08	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	13:08	MBER	24.05	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: 5/9/2017

Sample Number:	AC52436	Sample ID:	4MW2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	13:10	Time Received:	13:03
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	13:10	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	13:10	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	13:10	MBER	24.51	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: 5/9/2017

Sample Number: **AC52437**

Sample ID: 2MW4 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 12:12

Time Received: 13:03

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	12:12	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:12	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:12	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: 5/9/2017

Sample Number:	AC52438	Sample ID:	4MW4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	12:00	Time Received:	13:03
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	12:00	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:00	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:00	MBER	26.74	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 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: 5/9/2017

Sample Number:	AC52439	Sample ID:	2MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	10:09	Time Received:	13:04
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	10:09	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:09	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:09	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

Report Date: 5/9/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC52440**

Sample ID: 4MW5 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 10:15

Time Received: 13:04

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	10:15	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:15	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:15	MBER	24.13	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

"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: 5/9/2017

Sample Number: **AC52441**

Sample ID: 2MW6 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 11:16

Time Received: 13:04

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	11:16	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	11:16	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	11:16	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: 5/9/2017

Sample Number:	AC52442	Sample ID:	4MW6 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	11:18	Time Received:	13:04
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	11:18	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	11:18	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	11:18	MBER	26.60	D	Feet	0

Analysis Comments:

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

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

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

Report Date: 5/9/2017

CLIENT/SAMPLE INFORMATION

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

Sample Number: **AC52443**
Sample Method: Pumped
Date Sampled: 4/18/2017
Time Sampled: 13:20
Sampled By: MARIAN B

Sample ID: 2MW7 @ CLASS III
Sample Matrix: GAS
Date Received: 5/8/2017
Time Received: 13:05
Received By:
Delivered By:

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	4/18/2017	13:20	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	13:20	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	13:20	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

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

Report Date: 5/9/2017

Sample Number: **AC52444** Sample ID: 2MW8 @ CLASS III
Sample Method: Pumped Sample Matrix: GAS
Date Sampled: 4/18/2017 Date Received: 5/8/2017
Time Sampled: 13:30 Time Received: 13:05
Sampled By: MARIAN B Received By:
Delivered By:

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	4/18/2017	13:30	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	13:30	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	13:30	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."



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: 5/9/2017

Sample Number: **AC52445**

Sample ID: 2MW10 @ CLASS III

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 13:43

Time Received: 13:05

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	13:43	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	13:43	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	13:43	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: 5/9/2017

Sample Number:	AC52446	Sample ID:	4MW11D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	11:04	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	11:04	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	11:04	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	11:04	MBER	37.26	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: 5/9/2017

Sample Number:	AC52447	Sample ID:	4MW12D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	10:58	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	10:58	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:58	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:58	MBER	28.10	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

"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: 5/9/2017

Sample Number:	AC52448	Sample ID:	2MW13 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	10:36	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	10:36	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:36	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:36	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."



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: 5/9/2017

Sample Number:	AC52449	Sample ID:	4MW13D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	10:43	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	10:43	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:43	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:43	MBER	27.49	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: 5/9/2017

Sample Number:	AC52450	Sample ID:	4MW14D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	10:32	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	10:32	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	10:32	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	10:32	MBER	24.60	D	Feet	0

Analysis Comments:

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

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

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: 5/9/2017

Sample Number:	AC52451	Sample ID:	2MW15 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	12:51	Time Received:	13:06
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	12:51	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:51	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:51	MBER	24.55	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



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: 5/9/2017

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Sample Number: **AC52452**

Sample ID: 2MW17S @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/18/2017

Date Received: 5/8/2017

Time Sampled: 12:46

Time Received: 13:07

Sampled By: MARIAN B

Received By:

Delivered By:

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	4/18/2017	12:46	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:46	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:46	MBER	29.30	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: 5/9/2017

Sample Number:	AC52453	Sample ID:	2MW18D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	12:24	Time Received:	13:07
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	12:24	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:24	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:24	MBER	28.56	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: 5/9/2017

Sample Number:	AC52454	Sample ID:	2MW19 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/18/2017	Date Received:	5/8/2017
Time Sampled:	12:33	Time Received:	13:07
Sampled By:	MARIAN B	Received By:	
		Delivered By:	

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	4/18/2017	12:33	MBER	0	D	% LEL	0
Percent Volume Methane	METER	4/18/2017	12:33	MBER	0	D	% VOL	0
Water Level	DEP-SOP	4/18/2017	12:33	MBER	27.44	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."