

Smith, George

From: Candia Mulhern <cmulhern@pascocountyfl.net>
Sent: Monday, February 06, 2017 10:07 AM
To: Morris, John R.; SWD_Waste (Shared Mailbox)
Cc: Robert Sigmond; John Power; 'Jason Gorrie'
Subject: RE: 45799 Res Rec Gas Monitoring QI, 2017
Attachments: 45799_Gas_Monitoring_QI_2017.pdf

Sorry.....

From: Morris, John R. [mailto:John.R.Morris@dep.state.fl.us]
Sent: Monday, February 06, 2017 10:05 AM
To: Candia Mulhern
Cc: SWD_Waste (Shared Mailbox)
Subject: RE: 45799 Res Rec Gas Monitoring QI, 2017

Candia:

Good morning. Thanks for your message, but I don't think the attachment was provided. Can you send again?

Thanks.

John



John R. Morris, P.G.
Permitting and Waste Cleanup Program
Florida Department of Environmental Protection,
Southwest District
13051 N Telecom Parkway, Temple Terrace, FL 33637
Main office: 813-470-5700 Direct line: 813-470-5751
E-mail: john.r.morris@dep.state.fl.us

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida. In keeping with these objectives, we are pleased to announce ongoing improvements to our permitting process by standardizing and simplifying our documents. During the fall of this year, the Department will begin issuing permitting correspondence formatted consistently throughout all programs. Although the document formatting will look different from past correspondence, please be assured that the content continues to be driven by applicable Rule and Statute. As always, if you have any questions, please contact your local DEP District office.

From: Candia Mulhern [mailto:cmulhern@pascocountyfl.net]
Sent: Monday, February 06, 2017 10:02 AM
To: Morris, John R. ; SWD_Waste (Shared Mailbox)
Cc: Robert Sigmond ; John Power ; 'Jason Gorrie'
Subject: 45799 Res Rec Gas Monitoring QI, 2017

Attached are the results of gas monitoring at the Resource Recovery Facility (45799) for Quarter I (Jan-Jun) 2017. If you have any questions please feel free to contact me.

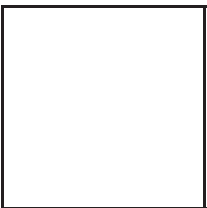
Candia E. Mulhern
Laboratory Manager
Pasco County Env. Lab
8864 Government Dr.
New Port Richey, FL 34654
phone: (727) 847-8902
fax: (727) 847-8112
cmulhern@pascocountyfl.net



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CUSA18A7





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

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

February 6, 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 I, 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 I, 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

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8864 Government Drive
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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 Landfill

Report Date: 1/24/2017

Hays Road
Shady Hills, FL
John Power

Sample Number: **AC48254**
Sample Method: Pumped
Date Sampled: 1/18/2017
Time Sampled: 14:47
Sampled By: MARIAN B

Sample ID: SCALE HOUSE @ CLASS III
Sample Matrix: GAS
Date Received: 1/18/2017
Time Received: 7:30
Received By: CEM
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	1/18/2017	14:47	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	14:47	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

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CLIENT/SAMPLE INFORMATION

West Pasco

Class III Landfill

Hays Road

Shady Hills, Fl

John Power

Report Date: 1/24/2017

Sample Number: **AC48248**

Sample Method: Pumped

Date Sampled: 1/18/2017

Time Sampled: 13:08

Sampled By: MARIAN B

Sample ID: LF OPERATIONS OFF @ CLASS III

Sample Matrix: GAS

Date Received: 1/18/2017

Time Received: 7:29

Received By: CEM

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	1/18/2017	13:08	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:08	MBER	0.1	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).

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill
Auton Road
Dade City, FL
John Power

Report Date: 1/24/2017

Sample Number: **AC48381** Sample ID: SW-20 @ EPSL
Sample Method: Pumped Sample Matrix: GAS
Date Sampled: 1/23/2017 Date Received: 1/23/2017
Time Sampled: 10:56 Time Received: 14:52
Sampled By: MARIAN B 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	1/23/2017	10:56	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/23/2017	10:56	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/23/2017	10:56	MBER	19.60	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
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CLIENT/SAMPLE INFORMATION

Resource Recovery
Class I Landfill
Hays Road
Shady Hills, Fl
John Power

Report Date: 1/24/2017

Sample Number:	AC48245	Sample ID:	4MW2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/18/2017	Date Received:	1/18/2017
Time Sampled:	13:30	Time Received:	7:27
Sampled By:	MARIAN B	Received By:	CEM
		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	1/18/2017	13:30	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:30	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/18/2017	13:30	MBER	22.22	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48247	Sample ID:	4MW6 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/18/2017	Date Received:	1/18/2017
Time Sampled:	13:53	Time Received:	7:28
Sampled By:	MARIAN B	Received By:	CEM
		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	1/18/2017	13:53	MBER	2	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:53	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/18/2017	13:53	MBER	27.65	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48298** Sample ID: 4MW1 @ RESREC
Sample Method: Pumped Sample Matrix: GAS
Date Sampled: 1/19/2017 Date Received: 1/19/2017
Time Sampled: 9:56 Time Received: 16:56
Sampled By: MARIAN B Received By: KS
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	1/19/2017	9:56	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	9:56	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	9:56	MBER	17.38	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.
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48300	Sample ID:	4MW4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	14:40	Time Received:	16:56
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	14:40	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:40	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	14:40	MBER	24.31	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).
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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48302	Sample ID:	4MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	10:33	Time Received:	16:57
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	10:33	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	10:33	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	10:33	MBER	21.36	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).

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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48306**

Sample Method: Pumped

Date Sampled: 1/19/2017

Time Sampled: 15:22

Sampled By: MARIAN B

Sample ID: 4MW11D @ RESREC

Sample Matrix: GAS

Date Received: 1/19/2017

Time Received: 16:58

Received By: KS

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	1/19/2017	15:22	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	15:22	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	15:22	MBER	34.86	D	Feet	0

Analysis Comments:

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

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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48307	Sample ID:	4MW12D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	13:15	Time Received:	16:58
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	13:15	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	13:15	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	13:15	MBER	25.77	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48308**

Sample ID: 4MW13D @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 1/19/2017

Date Received: 1/19/2017

Time Sampled: 13:24

Time Received: 16:58

Sampled By: MARIAN B

Received By: KS

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	1/19/2017	13:24	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	13:24	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	13:24	MBER	25.37	D	Feet	0

Analysis Comments:

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

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

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MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48309** Sample ID: 4MW14D @ RESREC
Sample Method: Pumped Sample Matrix: GAS
Date Sampled: 1/19/2017 Date Received: 1/19/2017
Time Sampled: 12:05 Time Received: 16:58
Sampled By: MARIAN B Received By: KS
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	1/19/2017	12:05	MBER	2	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	12:05	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	12:05	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).
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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48250**

Sample Method: Pumped

Date Sampled: 1/18/2017

Time Sampled: 14:27

Sampled By: MARIAN B

Sample ID: GMP1 @ RESREC

Sample Matrix: GAS

Date Received: 1/18/2017

Time Received: 7:29

Received By: CEM

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	1/18/2017	14:27	MBER	2	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	14:27	MBER	0.1	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

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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48251**

Sample ID: GMP2 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 1/18/2017

Date Received: 1/18/2017

Time Sampled: 14:23

Time Received: 7:29

Sampled By: MARIAN B

Received By: CEM

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	1/18/2017	14:23	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	14:23	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).

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48252	Sample ID:	GMP3 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/18/2017	Date Received:	1/18/2017
Time Sampled:	14:33	Time Received:	7:30
Sampled By:	MARIAN B	Received By:	CEM
		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	1/18/2017	14:33	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	14:33	MBER	0.1	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).
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CLIENT/SAMPLE INFORMATION

Report Date: 1/24/2017

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

Sample Number: **AC48253**
Sample Method: Pumped
Date Sampled: 1/18/2017
Time Sampled: 14:37
Sampled By: MARIAN B

Sample ID: GMP6 @ RESREC
Sample Matrix: GAS
Date Received: 1/18/2017
Time Received: 7:30
Received By: CEM
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	1/18/2017	14:37	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	14:37	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).

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48310	Sample ID:	GMP4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	14:13	Time Received:	16:59
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	14:13	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:13	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.
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48314	Sample ID:	GMP5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	14:34	Time Received:	16:59
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	14:34	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:34	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).
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48244	Sample ID:	2MW2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/18/2017	Date Received:	1/18/2017
Time Sampled:	13:24	Time Received:	7:27
Sampled By:	MARIAN B	Received By:	CEM
		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	1/18/2017	13:24	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:24	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/18/2017	13:24	MBER	22.76	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).

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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48246**

Sample Method: Pumped

Date Sampled: 1/18/2017

Time Sampled: 13:47

Sampled By: MARIAN B

Sample ID: 2MW6 @ RESREC

Sample Matrix: GAS

Date Received: 1/18/2017

Time Received: 7:28

Received By: CEM

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	1/18/2017	13:47	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:47	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/18/2017	13:47	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).

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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48297**

Sample ID: 2MW1 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 1/19/2017

Date Received: 1/19/2017

Time Sampled: 9:44

Time Received: 16:56

Sampled By: MARIAN B

Received By: KS

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	1/19/2017	9:44	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	9:44	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	9:44	MBER	17.34	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).

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CLIENT/SAMPLE INFORMATION

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48299**

Sample ID: 2MW4 @ RESREC

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 1/19/2017

Date Received: 1/19/2017

Time Sampled: 14:51

Time Received: 16:56

Sampled By: MARIAN B

Received By: KS

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	1/19/2017	14:51	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:51	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	14:51	MBER	21.70	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).

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48301	Sample ID:	2MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	10:22	Time Received:	16:57
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	10:22	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	10:22	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	10:22	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.
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CLIENT/SAMPLE INFORMATION

West Pasco

Class III Landfill

Hays Road

Shady Hills, FL

John Power

Report Date: 1/24/2017

Sample Number: **AC48303**

Sample Method: Pumped

Date Sampled: 1/19/2017

Time Sampled: 11:07

Sampled By: MARIAN B

Sample ID: 2MW7 @ CLASS III

Sample Matrix: GAS

Date Received: 1/19/2017

Time Received: 16:57

Received By: KS

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	1/19/2017	11:07	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	11:07	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	11:07	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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48304**

Sample ID: 2MW8 @ CLASS III

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 1/19/2017

Date Received: 1/19/2017

Time Sampled: 11:22

Time Received: 16:57

Sampled By: MARIAN B

Received By: KS

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	1/19/2017	11:22	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	11:22	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	11:22	MBER	17.52	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).

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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48249	Sample ID:	2MW15 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/18/2017	Date Received:	1/18/2017
Time Sampled:	13:00	Time Received:	7:29
Sampled By:	MARIAN B	Received By:	CEM
		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	1/18/2017	13:00	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/18/2017	13:00	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/18/2017	13:00	MBER	20.7	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).

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48305** Sample ID: 2MW10 @ CLASS III
Sample Method: Pumped Sample Matrix: GAS
Date Sampled: 1/19/2017 Date Received: 1/19/2017
Time Sampled: 11:34 Time Received: 16:58
Sampled By: MARIAN B Received By: KS
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	1/19/2017	11:34	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	11:34	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	11:34	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).
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48311	Sample ID:	2MW17S @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	13:56	Time Received:	16:59
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	13:56	MBER	1	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	13:56	MBER	0.1	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	13:56	MBER	26.90	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

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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: 1/24/2017

Sample Number:	AC48312	Sample ID:	2MW18D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	14:08	Time Received:	16:59
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	14:08	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:08	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	14:08	MBER	26.33	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number:	AC48313	Sample ID:	2MW19 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	1/19/2017	Date Received:	1/19/2017
Time Sampled:	14:24	Time Received:	16:59
Sampled By:	MARIAN B	Received By:	KS
		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	1/19/2017	14:24	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	14:24	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	14:24	MBER	25.07	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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 1/24/2017

Sample Number: **AC48391**
Sample Method: Pumped
Date Sampled: 1/19/2017
Time Sampled: 11:43
Sampled By: MARIAN B

Sample ID: 2MW13 @ RESREC
Sample Matrix: GAS
Date Received: 1/19/2017
Time Received: 5:14
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	1/19/2017	11:43	MBER	0	D	% LEL	0
Percent Volume Methane	METER	1/19/2017	11:43	MBER	0	D	% VOL	0
Water Level	DEP-SOP	1/19/2017	11:43	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

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