



# 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)

April 13, 2016

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, 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 II, 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



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Contacts: Gloria Krueger, Senior 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: 4/12/2016

Sample Number:	AC37485	Sample ID:	2MW1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	14:10	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	14:10	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	14:10	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	14:10	WMM	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



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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37486	Sample ID:	4MW1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	14:15	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	14:15	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	14:15	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	14:15	WMM	15.21	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: 4/12/2016

Sample Number:	AC37487	Sample ID:	2MW2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	12:20	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	12:20	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:20	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:20	WMM	21.68	D	Feet	0

### Analysis Comments:

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37488	Sample ID:	4MW2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	12:30	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	12:30	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:30	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:30	WMM	21.90	D	Feet	0

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

Report Date: 4/12/2016

Sample Number:	AC37489	Sample ID:	2MW4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:15	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	11:15	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:15	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	11:15	WMM	23.61	D	Feet	0

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

Report Date: 4/12/2016

Sample Number:	AC37490	Sample ID:	4MW4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:25	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	11:25	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:25	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	11:25	WMM	23.61	D	Feet	0

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37491	Sample ID:	2MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:05	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM


### 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	4/11/2016	10:05	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:05	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	10:05	WMM	DRY	D	Feet	0

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

Report Date: 4/12/2016

Sample Number:	AC37492	Sample ID:	4MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:00	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

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Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/11/2016	10:00	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:00	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	10:00	WMM	DRY	D	Feet	0

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number: **AC37493** Sample ID: 2MW6 @ RESREC  
Sample Method: Pumped Sample Matrix: GAS  
Date Sampled: 4/11/2016 Date Received: 4/11/2016  
Time Sampled: 12:00 Time Received: 14:30  
Sampled By: WMM Received By: FC  
Delivered By: WMM

### 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	4/11/2016	12:00	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:00	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:00	WMM	DRY	D	Feet	0

### Analysis Comments:

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37494	Sample ID:	4MW6 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	12:10	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

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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	4/11/2016	12:10	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:10	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:10	WMM	24.25	D	Feet	0

### Analysis Comments:

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Report Date: 4/12/2016

### CLIENT/SAMPLE INFORMATION

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

Sample Number: **AC37495** Sample ID: 2MW7 @ CLASS III  
Sample Method: Pumped Sample Matrix: GAS  
Date Sampled: 4/11/2016 Date Received: 4/11/2016  
Time Sampled: 13:40 Time Received: 14:30  
Sampled By: WMM Received By: FC  
Delivered By: WMM

### 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	4/11/2016	13:40	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:40	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	13:40	WMM	DRY	D	Feet	0

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Report Date: 4/12/2016

### CLIENT/SAMPLE INFORMATION

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

Sample Number: **AC37496**  
Sample Method: Pumped  
Date Sampled: 4/11/2016  
Time Sampled: 13:30  
Sampled By: WMM

Sample ID: 2MW8 @ CLASS III  
Sample Matrix: GAS  
Date Received: 4/11/2016  
Time Received: 14:30  
Received By: FC  
Delivered By: WMM

### 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	4/11/2016	13:30	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:30	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	13:30	WMM	DRY	D	Feet	0

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37497	Sample ID:	2MW10 @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	13:20	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

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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	4/11/2016	13:20	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:20	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	13:20	WMM	DRY	D	Feet	0

### Analysis Comments:

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Hours: Mon-Fri 8am-5pm

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

Report Date: 4/12/2016

Sample Number: **AC37498** Sample ID: 4MW11D @ RESREC  
Sample Method: Pumped Sample Matrix: GAS  
Date Sampled: 4/11/2016 Date Received: 4/11/2016  
Time Sampled: 12:40 Time Received: 14:30  
Sampled By: WMM Received By: FC  
Delivered By: WMM

### 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	4/11/2016	12:40	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:40	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:40	WMM	34.10	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

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# PASCO COUNTY, FLORIDA

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## 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

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

Report Date: 4/12/2016

Sample Number:	AC37499	Sample ID:	4MW12D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	12:45	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	12:45	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:45	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:45	WMM	25.05	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).  
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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37500	Sample ID:	2MW13 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	12:50	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	12:50	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	12:50	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	12:50	WMM	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: 4/12/2016

Sample Number:	AC37501	Sample ID:	4MW13D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	13:00	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	13:00	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:00	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	13:00	WMM	24.56	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.

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	<b>AC37502</b>	Sample ID:	4MW14D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	13:10	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	13:10	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:10	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	13:10	WMM	21.66	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).  
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### CLIENT/SAMPLE INFORMATION

Report Date: 4/12/2016

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

Sample Number:	AC37503	Sample ID:	2MW15 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	14:00	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	14:00	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	14:00	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	14:00	WMM	21.59	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: 4/12/2016

Sample Number:	AC37504	Sample ID:	2MW17S @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:00	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	11:00	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:00	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	11:00	WMM	26.19	D	Feet	0

### Analysis Comments:

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37505	Sample ID:	2MW18D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:45	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	10:45	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:45	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	10:45	WMM	25.59	D	Feet	0

### Analysis Comments:

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### CLIENT/SAMPLE INFORMATION

Report Date: 4/12/2016

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

Sample Number:	AC37506	Sample ID:	2MW19 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:30	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	10:30	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:30	WMM	0.0	D	% VOL	0
Water Level	DEP-SOP	4/11/2016	10:30	WMM	24.37	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  
Havs Road  
Shady Hills, FL  
John Power

Report Date: 4/12/2016

Sample Number:	AC37507	Sample ID:	GMP1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:50	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	10:50	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:50	WMM	0.0	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: 4/12/2016

Sample Number:	AC37508	Sample ID:	GMP2 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:30	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM


### 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	4/11/2016	11:30	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:30	WMM	0.0	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: 4/12/2016

Sample Number:	AC37509	Sample ID:	GMP3 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:35	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	11:35	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:35	WMM	0.0	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  
Havs Road  
Shady Hills, FL  
John Power

Report Date: 4/12/2016

Sample Number:	AC37510	Sample ID:	GMP4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:35	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	10:35	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:35	WMM	0.0	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: 4/12/2016

Sample Number:	AC37511	Sample ID:	GMP5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	10:20	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	10:20	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	10:20	WMM	0.0	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  
Havs Road  
Shady Hills, FL  
John Power

Report Date: 4/12/2016

Sample Number:	AC37512	Sample ID:	GMP6 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	11:45	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	11:45	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	11:45	WMM	0.0	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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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: 4/12/2016

Sample Number:	AC37513	Sample ID:	LF OPERATIONS OFF @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	13:45	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM

### 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	4/11/2016	13:45	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:45	WMM	0.0	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

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### CLIENT/SAMPLE INFORMATION

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

Report Date: 4/12/2016

Sample Number:	AC37514	Sample ID:	SCALE HOUSE @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	4/11/2016	Date Received:	4/11/2016
Time Sampled:	13:50	Time Received:	14:30
Sampled By:	WMM	Received By:	FC
		Delivered By:	WMM


### 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	4/11/2016	13:50	WMM	0.0	D	% LEL	0
Percent Volume Methane	METER	4/11/2016	13:50	WMM	0.0	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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