

Johnson, Sabrina O

From: Candia Mulhern <cmulhern@pascocountyfl.net>
Sent: Friday, April 26, 2019 1:46 PM
To: SWD_Waste
Cc: John Power; Justin G. Roessler; Charles Cullen
Subject: 2019_QII_Resource_Recovery_Gas_Monitoring
Attachments: 2019_QII_Gas_Monitoring_Submittal.pdf

Attached are the analytical results for gas monitoring conducted for QII, 2019 at the Pasco County Resource Recovery site (Facility ID 45799).

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



Candia E. Mulhern
Laboratory Manager
Utilities Environmental Lab
Pasco County
P 727-847-8902
F 727-847-8112
8864 Government Dr.
New Port Richey, FL 34654
cmulhern@pascocountyfl.net

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"Bringing Opportunities Home"

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

Phone: (727) 847-8902

Fax: (727) 847-8112

DHRS No: E44123

April 26, 2019

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

RE: East Pasco Sanitary Landfill
Facility ID # 45797
Quarter II, 2019 Gas Monitoring

To Whom It May Concern:

Attached please find the results of quarterly gas monitoring conducted at the East Pasco Sanitary Landfill as required by the Department. All the sample points registered 0.0% LEL.

The gas monitoring was conducted using a CES Landtec Gem 5000 meter. Calibration of the instrument was conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

This submittal completes the Quarter II, 2019 gas monitoring requirements for this facility. If you have any questions please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager
cmulhern@pascocountyfl.net

Enc

cc: Charles Cullen, PI Engineering Director
John Power, Solid Waste Director
Justin Roessler, Solid Waste Deputy Director

PASCO COUNTY ENVIRONMENTAL LABORATORY

727-847-8902 | West Pasco Government Center | 8864 Government Dr. | New Port Richey, FL 34654



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8864 Government Drive

New Port Richey, FL 34654

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Contacts: Annamarie Cangialosi, Administrative Secretary

Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road
Dade City, Fl

John Power

Report Date: 4/9/2019

Sample Number: **AC79497**

Sample Method: Pumped

Date Sampled: 4/8/2019

Time Sampled: 9:54

Sampled By: GTORREY

Sample ID: FW-1 @ EPSL

Sample Matrix: GAS

Date Received: 4/8/2019

Time Received: 14:30

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:54	GST	0.1	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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

MCL=Maximum Contaminant Level

This Document Meets All the Requirements of the 2016 TNI Standards



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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79498	Sample ID: EP SL TRAILER
Sample Method: Meter	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 9:52	Time Received: 14:30
Sampled By: G TORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:52	GST	0.1	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79499	Sample ID: SW-1@ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:45	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:45	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:45	GST	17.45	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road
Dade City, Fl

John Power

Sample Number: **AC79500**

Sample ID: SW-2@ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 11:00

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:00	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	11:00	GST	17.33	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road
Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79501**

Sample ID: SW-3@ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:20

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:20	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	9:20	GST	23.97	D	Feet	0

Analysis Comments:

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79502	Sample ID: SW-4@ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:42	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:42	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:42	GST	17.33	D	Feet	0

Analysis Comments:

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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79503	Sample ID: SW-6A @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:00	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:00	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:00	GST	23.35	D	Feet	0

Analysis Comments:

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road

Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79504**

Sample ID: SW-8 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:25

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:25	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:10	GST	16.45	D	Feet	0

Analysis Comments:

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: **AC79505**

Sample ID: SW-9A @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:10

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:10	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:20	GST	DRY	D	Feet	0

Analysis Comments:

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, Fl

John Power

Sample Number: **AC79506**

Sample ID: SW-10 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:20

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:20	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:20	GST	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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New Port Richey, FL 34654
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Contacts: Annamarie Cangialosi, Administrative Secretary
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79507	Sample ID: SW-13 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 11:30	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:30	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	11:30	GST	13.91	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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New Port Richey, FL 34654
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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79508	Sample ID: SW-14 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 11:14	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:14	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	11:14	GST	17.3	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79509	Sample ID: SW-16 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:35	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:35	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:35	GST	11.7	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79510	Sample ID: SW-17 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 9:40	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:40	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	9:40	GST	dry	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79511	Sample ID: SW-18 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 9:42	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:42	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	9:42	GST	24.94	D	Feet	0

Analysis Comments:

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

East Pasco Sanitary Landfill

Auton Road
Dade City, Fl

John Power

Report Date: 4/9/2019

Sample Number: **AC79512**

Sample Method: Pumped

Date Sampled: 4/8/2019

Time Sampled: 11:10

Sampled By: GTORREY

Sample ID: SW-19@ EPSL

Sample Matrix: GAS

Date Received: 4/8/2019

Time Received: 14:30

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:10	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	11:10	GST	14.08	D	Feet	0

Analysis Comments:

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, Fl

John Power

Sample Number: **AC79513**

Sample ID: SW-20 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:50

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:50	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	9:50	GST	18.48	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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

MCL=Maximum Contaminant Level

This Document Meets All the Requirements of the 2016 TNI Standards



Pasco County Utilities Environmental Laboratory Report

8864 Government Drive
New Port Richey, FL 34654
Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79514	Sample ID: SW-21 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:50	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:50	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:50	GST	25.52	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79515	Sample ID: SW-22 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 9:00	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:00	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	9:00	GST	23.37	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, FL

John Power

Sample Number: **AC79516**

Sample ID: SW-23@ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:45

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:45	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:45	GST	16.88	D	Feet	0

Analysis Comments:

Candia E. Mulhem, Laboratory Manager

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

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

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

MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79517	Sample ID: SW-25@ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:30	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:30	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:30	GST	7.65	D	Feet	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79518	Sample ID: SW-26@ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:05	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:05	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:05	GST	15.11	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: **AC79519**

Sample ID: SW-27 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:15

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:15	GST	0.0	D	% LEL	0
Water Level	DEP-SOP	4/8/2019	10:15	GST	18.55	D	Feet	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road

Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79474**

Sample ID: GMW-1 @ EPSL

Sample Method: PP

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 10:33

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:33	GST	0.0	D	% LEL	0

Analysis Comments:

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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/25/2019

Sample Number: AC79475	Sample ID: GMW-2 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 11:12	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT


REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:12	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

Report Date: 4/25/2019

Sample Number: AC79476	Sample ID: GMW-3 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 10:40	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	10:40	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

Report Date: 4/25/2019

Sample Number: AC79477	Sample ID: GMW-4 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 11:40	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:40	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

East Pasco Sanitary Landfill

Report Date: 4/25/2019

Auton Road
Dade City, FL

John Power

Sample Number: **AC79478**

Sample ID: GMW-6 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 11:44

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:44	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/25/2019

Sample Number: AC79479	Sample ID: GMW-7 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 11:50	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:50	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

East Pasco Sanitary Landfill

Auton Road
Dade City, Fl

John Power

Report Date: 4/9/2019

Sample Number: **AC79481**

Sample ID: GMW-9 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:32

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:32	GST	0.0	D	% LEL	0

Analysis Comments:

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

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Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, Fl

John Power

Sample Number: **AC79482**

Sample ID: GMW-10 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:25

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:25	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: **AC79483**

Sample ID: GMW-11 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:23

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:23	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road
Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79484**

Sample ID: GMW-12 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 11:58

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	11:58	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road

Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79485**

Sample ID: GMW-13 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:09

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:09	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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

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This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123

EPA Lab Code: FL00137



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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road

Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79486**

Sample ID: GMW-14 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:15

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:15	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill
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Dade City, Fl
John Power

Report Date: 4/9/2019

Sample Number: AC79487	Sample ID: GMW-15 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 12:20	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:20	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

- U = Indicates that the compound was analyzed for but not detected.
- I = Reported value is greater than or equal to the detection limit, but less than PQL.
- XC = Reported value exceeds the MCL (F.A.C. 62-550).
- MCL=Maximum Contaminant Level

This Document Meets All the Requirements of the 2016 TNI Standards



Pasco County Utilities Environmental Laboratory Report

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New Port Richey, FL 34654
Phone: (727) 847-8902 Fax: (727) 847-8112

Contacts: Annamarie Cangialosi, Administrative Secretary
Chris Childress, QA/QC Officer

Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79488	Sample ID: GMW-16 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 12:21	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:21	GST	0.0	D	% LEL	0

Analysis Comments:

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: AC79489	Sample ID: GMW-17 @ EPSL
Sample Method: Pumped	Sample Matrix: GAS
Date Sampled: 4/8/2019	Date Received: 4/8/2019
Time Sampled: 9:17	Time Received: 14:30
Sampled By: GTORREY	Received By: LR
	Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:17	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

U = Indicates that the compound was analyzed for but not detected.
I = Reported value is greater than or equal to the detection limit, but less than PQL.
XC = Reported value exceeds the MCL (F.A.C. 62-550).
MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road
Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79490**

Sample ID: GMW-18 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:12

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:12	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

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

MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road
Dade City, Fl

John Power

Report Date: 4/9/2019

Sample Number: **AC79491**

Sample ID: GMW-19 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 9:06

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	9:06	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

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

MCL=Maximum Contaminant Level

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road
Dade City, Fl

John Power

Sample Number: **AC79492**

Sample ID: GMW-20 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:22

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:22	GST	0.0	D	% LEL	0

Analysis Comments:

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

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Auton Road

Dade City, FL

John Power

Report Date: 4/9/2019

Sample Number: **AC79493**

Sample ID: GMW-21 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:28

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:28	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, Fl

John Power

Sample Number: **AC79494**

Sample ID: GMW-22 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:30

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:30	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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

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State Laboratory ID: E44123

EPA Lab Code: FL00137



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Hours: Mon-Fri 8am-5pm

CLIENT/SAMPLE INFORMATION

East Pasco Sanitary Landfill

Report Date: 4/9/2019

Auton Road

Dade City, Fl

John Power

Sample Number: **AC79495**

Sample ID: GMW-23 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:35

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:35	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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CLIENT/SAMPLE INFORMATION

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

Report Date: 4/9/2019

Sample Number: **AC79496**

Sample ID: GMW-24 @ EPSL

Sample Method: Pumped

Sample Matrix: GAS

Date Sampled: 4/8/2019

Date Received: 4/8/2019

Time Sampled: 12:40

Time Received: 14:30

Sampled By: GTORREY

Received By: LR

Delivered By: GT

REPORT OF ANALYSES

These results relate only to the sample indicated above and meet all requirements of the 2016 TNI standards.

Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Limit	METER	4/8/2019	12:40	GST	0.0	D	% LEL	0

Analysis Comments:

Candia E. Mulhern, Laboratory Manager

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

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