Smith, George

From:	Candia Mulhern <cmulhern@pascocountyfl.net></cmulhern@pascocountyfl.net>
Sent:	Friday, October 01, 2021 10:50 AM
То:	SWD_Waste
Cc:	Justin G. Roessler
Subject:	45799 Resource Recovery Gas Monitoring QTR III, 2021
Attachments:	2021_Qtr_III_45799_Gas_Submittal.pdf

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Attached are the results of gas monitoring conducted at the Resource Recovery site. If you have any questions please feel free to contact me



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

"Serving Our Community to Create a Better Future"



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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

October 1, 2021

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

RE: Pasco County Resource Recovery WACS ID 45799 Quarter III, 2021 Gas Monitoring

To Whom It May Concern:

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. The meter was allowed to run until a stable reading was obtained. Readings recorded at the site were $\leq 0.20\%$ LEL.

This completes the Quarter III, 2021 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

landes & Thulke

Candia E. Mulhern Laboratory Manager

ENC.

cc: Charles Cullen, Utilities Engineering Director Justin Roessler, Solid Waste Deputy Director

UTILITIES ENVIRONMENTAL LABORATORY

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



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

CLIENT/SAMPLE INFORMATION

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Hours: Mon-Fri 8am-5pm

Resource Recover	ý		Report Date: 10/1/2021
Class I Landfill			
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15139	Sample ID:	2MW1 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	00/20/2021

Date Sampled: Time Sampled: Sampled By:	11:03 GTO	RREY		Date Re Time Re Receive Delivere	eceived: d By: d By:	09/29/ 13:30 LAB GT			
REPORT OF ANAL	YSES	These results	relate only to the samp Date					_	
•				Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Expl		METER	09/29/2021	11:03	GST	0.1	D	% LEL	0
Water Level (Static))	DEP-SOP	09/29/2021	11:03	GST	DRY	D	Feet	0

Analysis Comments

Candio E. Mulhe

Candia E. Mulhern, Laboratory Manager

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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

State Laboratory ID: E44123 EPA Lab Code: FL00137



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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	Report Date:	10/1/2021
Class I Landfill		
Hays Road		
Shady Hills, Fl		
John Power		
Comple Number AD45440		

Sample Number:	AD15140		Sample	ID:	4MW [·]	1 @ RESRE	С	
Sample Method:	Pumped		Sample	Matrix:	GAS			
Date Sampled:	09/29/2021		Date Re	ceived:	09/29/	2021		
Time Sampled:	10:53		Time Re	eceived:	13:30			
Sampled By:	GTORREY		Receive	d By:	LAB			
			Delivere	d By:	GT			
REPORT OF ANAL	YSES These r	esults relate only to the sam	ple indicate	d above and	i meet all requ	irements of the	2016 TNI s	tandards.
Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explo	sive Lin METER	09/29/2021	10:53	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOF	09/29/2021	10:53	GST	14.15	D	Feet	0

Analysis Comments

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State Laboratory ID: E44123 EPA Lab Code: FL00137



10:40

Pasco County Utilities Environmental Laboratory Report

13:30

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CLIENT/SAMPLE INFORMATION

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Time Sampled:

Sampled By:

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Hours: Mon-Fri 8am-5pm

Resource Recovery	/		Report Date: 10/1/2021	
Hays Road				
Shady Hills, Fl				
John Power				
Sample Number:	AD15141	Sample ID:	2MW2 @ RESREC	
Sample Method:	Pumped	Sample Matrix:	GAS	
Date Sampled:	09/29/2021	Date Received:	09/29/2021	

REPORT OF ANALY	SES These results relate	only to the sample indicated above and m	eet all requirements of the 2016 TNI standards.
		Delivered By:	GT
Sampled By:	GTORREY	Received By:	LAB

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		09/29/2021	10:40	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:40	GST	18.98	D	Feet	0

Time Received:

Analysis Comments

Cambio Z. Thus

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	Ý		Report Date:	10/1/2021
Class I Landfill				
Hays Road				
Shady Hills, Fl				
John Power				
Sample Number:	AD15142	Sample ID:	4MW2 @ RESRE	С
Sample Method:	Pumped	Sample Matrix	GAS	

Date Sampled: Time Sampled: Sampled By:	09/29/2021 10:30 GTORREY		Date Re Time Re Receive	ceived: ceived:	09/29/ 13:30 LAB			
REPORT OF ANAL	YSES These results	relate only to the same	Delivere ole indicate		GT d meet all requ	irements of the	e 2016 TNI s	tandards.
Analysis Percent Lower Expl	Method osive Lin METER	Date 09/29/2021	Time 10:30	By GST	Result 0.1	Qualifier D	Unit % LEL	Detection Limit

10:30 GST

19.2

D

Feet

0

09/29/2021

Analysis Comments

Water Level (Static)

Cantia Z. Mathem

Candia E. Mulhern, Laboratory Manager

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DEP-SOP

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Report Date: 10/1/2021 **Class I Landfill** Hays Road Shady Hills, Fl John Power Sample Number: AD15143 Sample ID: 2MW4 @ RESREC Sample Method: Pumped Sample Matrix: GAS Date Sampled: 09/29/2021 Date Received 00/20/2024

Time Sampled: 09:43 Sampled By: GTORREY			Date Received: 09/29/2021 Time Received: 13:30 Received By: LAB					
REPORT OF ANALYS	ES These results	relate only to the samp	Delivere ole indicate		GT d meet all requ	irements of the	2016 TNI s	standards.
Analysis Percent Lower Explosiv	Method /e Lin METER	Date 09/29/2021	Time 09:43	By GST	Result 0.1	Qualifier D	Unit % LEL	Detection Limit

09:43 GST

DRY

D

Feet

0

09/29/2021

Analysis Comments

Water Level (Static)

Candia E. Muther

Candia E. Mulhern, Laboratory Manager

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DEP-SOP

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State Laboratory ID: E44123 EPA Lab Code: FL00137

MCL=Maximum Contaminant Level



LAB

GT

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	Ý	Report Date: 10/1/2021	
Class I Landfill			-
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15144	Sample ID:	4MW4 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	09:35	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAR

REPORT OF ANALYSES

GTORREY

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		09/29/2021	09:35	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	09:35	GST	20.5	D	Feet	0

Received By:

Delivered By:

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

Analysis Comments

Candia E. Muchen

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	¢		Report Date: 10/1/2021				
Class I Landfill							
Hays Road							
Shady Hills, Fl							
John Power							
Sample Number:	AD15145	Sample ID:	2MW5 @ RESREC				
Sample Method:	Pumped	Sample Matrix:	GAS				
Date Sampled:	09/29/2021	Date Received:	09/29/2021				
Time Sampled:	10:00	Time Received:	13:30				

REPORT OF ANALYSES

GTORREY

Sampled By:

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	10:00		0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	10:00		DRY	D	Feet	0

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

Received By:

Delivered By:

Analysis Comments

Cambia Z. Thus

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	y		Report Date: 10/1/2021
Class I Landfill			
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15146	Sample ID:	4MW5 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	09:56	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAB

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:56	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	09:56	GST	17.8	D	Feet	0

Delivered By:

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Analysis Comments

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State Laboratory ID: E44123 EPA Lab Code: FL00137



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Feet

0

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

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

John Power Sample Number:	AD15147	Sample ID:	2MW6 @ RESREC	
John Power				
Shady Hills, Fl				
Hays Road				
Class Landfill				
Resource Recover	у		Report Date: 1	0/1/2021

Analysis Percent Lower Expl	Method osive Lin METER	Date 09/29/2021	Time 10:13	By GST	Result 0.1	Qualifier D	Unit % LEL	Detection Limit
REPORT OF ANAL	YSES These results	relate only to the samp	ple indicate	d above and	÷.	irements of the	2016 TNI s	tandards.
Sampled By:	GTORREY		Receive Delivere	-	LAB GT			
Time Sampled:	10:13		Time Re		13:30			
Date Sampled:	09/29/2021		Date Re	ceived:	09/29/	/2021		
Sample Method:	Pumpea		Sample	Matrix:	GAS			

09/29/2021 10:13 GST

Analysis Comments

Water Level (Static)

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DEP-SOP

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Candia Z. Thus

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recover	ý		Report Date: 10/1/2021	
Hays Road				
Shady Hills, Fl				
John Power				
Sample Number:	AD15148	Sample ID:	4MW6 @ RESREC	
Sample Method:	Pumped	Sample Matrix:	GAS	

Analysis Percent Lower Explo	Method Disive Lin METER	Date 09/29/2021	Time 10:20	By GST	Result	Qualifier	Unit % Fl	Detection Limit
REPORT OF ANAL	YSES These results	relate only to the sam			÷.	irements of the	2016 TNI :	standards.
Sampled By:	GTORREY		Receive Delivere		LAB GT			
Time Sampled:	10:20		Time Re	ceived:	13:30			
Date Sampled:	09/29/2021		Date Re	ceived:	09/29/	2021		
Sample Methou.	Fumped		Sample	Matrix:	GAS			

10:20 GST

21.45

D

Feet

0

09/29/2021

Analysis Comments

Water Level (Static)

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DEP-SOP

Cantio E. hul

Candia E. Mulhern, Laboratory Manager

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This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123 EPA Lab Code: FL00137



07:08

GTORREY

Pasco County Utilities Environmental Laboratory Report

13:30

LAB

GT

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Phone: (727) 847-8902 Fax: (727) 847-8112
Contacts: Annamarie Cangialosi, Administrative Secretary Chris Childress, QA/QC Officer

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco			Report Date: 10/1/2021					
Class III Landfill								
Hays Road								
Shady Hills, Fl								
John Power								
Sample Number:	AD15149	Sample ID:	2MW7 @ CLASS III					
Sample Method:	Pumped	Sample Matrix:	GAS					
Date Sampled:	09/29/2021	Date Received:	09/29/2021					

REPORT OF ANALYSES

Time Sampled:

Sampled By:

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		09/29/2021	07:08	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:08	GST	DRY	D	Feet	0

Time Received:

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

Received By:

Delivered By:

Analysis Comments

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Cambia Z. 1

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Sample Number: Sample Method	AD15150 Pumped	Sample ID:	2MW8 @ CLASS III	
John Power				
Shady Hills, Fl				
Hays Road				
Class III Landfill				
West Pasco			Report Date: 10/1/2021	

Sample Method:	Pumped		Sample	Matrix:	GAS			
Date Sampled:	09/29/2021		Date Re	Date Received:		/2021		
Time Sampled:	07:15		Time Received:		13:30	13:30		
Sampled By:	GTORREY	GTORREY		Received By:		LAB		
			Delivere	d By:	GT			
REPORT OF ANAL	YSES These results	relate only to the samp	ole indicate	d above and	d meet all requ	irements of the	2016 TNI s	standards.
Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Expl		09/29/2021	07:15	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:15	GST	DRY	D	Feet	0

Analysis Comments

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Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Feet

0

D

Sample Number:	AD15151	Sample ID:	2MW10 @ CLASS III
John Power			
Shady Hills, Fl			
Hays Road			
Class III Landfill			-
Resource Recover	y		Report Date: 10/1/2021

Analysis Percent Lower Expl	Method	Date 09/29/2021	Time 07:12	By GST	Result 0.1	Qualifier D	Unit % LEL	Detection Limit
REPORT OF ANAL	YSES These results	relate only to the sam	ole indicate	d above and	l meet all requ	irements of the	2016 TNI s	standards.
			Delivere	d By:	GT			
Sampled By:	GTORREY		Received By:		LAB			
Time Sampled:	07:12		Time Re	ceived:	13:30			
Date Sampled:	09/29/2021		Date Re	ceived:	09/29/	/2021		
Sample Method:	Pumped		Sample	Matrix:	GAS			
Campie Number.	ADIDIDI		Sample	ID:		10 @ CLASS	S III	

07:12 GST

DRY

09/29/2021

Analysis Comments

Water Level (Static)

Cantio E. Mulhe

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	y		Report Date: 10/1/2021
Class I Landfill			
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15152	Sample ID:	4MW11D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	07:35	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAB
		Delivered By:	GT

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		09/29/2021	07:35	GST	0.2	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	07:35	GST	31.05	D	Feet	0

Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	/		Report Date: 10/1/2021	
Class I Landfill				
Hays Road				
Shady Hills, Fl				
John Power				
Sample Number:	AD15153	Sample ID:	4MW12D @ RESREC	
Sample Method:	Pumped	Sample Matrix:	GAS	

Sample Method:	Pump	nped Sample N				Matrix: GAS				
Date Sampled: 09/2		9/29/2021			Date Received:		09/29/2021			
Time Sampled:	07:43			Time Re	ceived:	13:30	13:30			
Sampled By: GT	GTOF	RREY		Received By:		LAB	LAB			
				Delivere	d By:	GT				
REPORT OF ANAL	YSES	These results	relate only to the samp	ole indicate	d above and	d meet all requ	irements of the	2016 TNI s	tandards.	
Analysis		Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit	
Percent Lower Expl	osive Lin	METER	09/29/2021	07:43	GST	0.1	D	% LEL	0	
Water Level (Static)	1	DEP-SOP	09/29/2021	07:43	GST	22.85	D	Feet	0	

Analysis Comments

Cantio E. This

Candia E. Mulhern, Laboratory Manager

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MCL=Maximum Contaminant Level

This Document Meets All the Requirements of the 2016 TNI Standards

State Laboratory ID: E44123 EPA Lab Code: FL00137



LAB

GT

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

CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Class I Landfill	/		Report Date: 10/1/2021
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15154	Sample ID:	2MW13 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	07:55	Time Received:	13:30

REPORT OF ANALYSES

GTORREY

Sampled By:

Analysis	Method	Dete	Time	D.,	Desult	0		
Percent Lower Explosive Lin Water Level (Static)		Date 09/29/2021 09/29/2021	Time 07:55 07:55	GST	Result 0.1 19.55	Qualifier D D	Unit % LEL Feet	Detection Limit 0 0

Received By:

Delivered By:

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

Analysis Comments

Candia E. Mulhan

Candia E. Mulhern, Laboratory Manager

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State Laboratory ID: E44123 EPA Lab Code: FL00137



13:30

LAB

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	ý		Report Date: 10/1/2021
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15155	Sample ID:	4MW13D @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	08:01	Time Received	13:30

REPORT	OF	ANALYSES	

Sampled By:

GTORREY

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 Lin METER 09/29/2021 08:01 GST 0.1 D % LEL 0 Water Level (Static) **DEP-SOP** 09/29/2021 08:01 GST DRY D Feet 0

Time Received:

Received By:

Delivered By:

Analysis Comments

Candia Z. Thus

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Class I Landfill	/		Report Date: 10/1/2021			
Hays Road						
Shady Hills, Fl						
John Power						
Sample Number:	AD15156	Sample ID:	4MW14D @ RESREC			
Sample Method:	Pumped	Sample Matrix:	GAS			
Date Sampled:	09/29/2021	Date Received:	09/29/2021			
Time Sampled:	08:09	Time Received:	13:30			
Sampled By:	GTORREY	Received By:	LAB			

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:09	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:09	GST	18.68	D	Feet	0

Delivered By:

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

Analysis Comments

Candia Z. Mulhen

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Report Date: 10/1/2021 Class I Landfill Hays Road Shady Hills, Fl John Power

Analysis Percent Lower Expl	Method osive Lin METER	Date 09/29/2021	Time 07:30	By GST	Result 0.2	Qualifier D	Unit % LEL	Detection Limit	
REPORT OF ANAL	YSES These result	its relate only to the sam				irements of the	2016 TNI s	standards.	
			Delivere	d By:	GT				
Sampled By:	GTORREY	DRREY			Received By: LAB				
Time Sampled:	07:30		Time Received:		13:30	13:30			
Date Sampled: 09/29/2021			09/29/	09/29/2021					
Sample Method:	Pumped		Sample	Matrix:	GAS	GAS			
Sample Number:			Sample ID:			2MW15 @ RESREC			

07:30 GST

18.85

D

Feet

0

09/29/2021

Analysis Comments

Water Level (Static)

Candia Z. Mulher

Candia E. Mulhern, Laboratory Manager

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DEP-SOP

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CLIENT/SAMPLE INFORMATION

Percent Lower Explosive Lin METER

DEP-SOP

Hours: Mon-Fri 8am-5pm

% LEL

Feet

0

0

D

D

 Resource Recovery
 Report Date: 10/1/2021

 Class I Landfill
 Hays Road

 Hays Road
 Shady Hills, FI

 John Power
 Sample Number:

 AD15158
 Sample ID:

 Sample Method:
 Pumped

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
REPORT OF ANAL	YSES These results	relate only to the s	ample indicate	d above and	meet all requ	irements of the	2016 TNI	standards.
			Delivere	•	GT			
Sampled By:	GTORREY		Receive	d By:	LAB			
Time Sampled:	08:35		Time Re	eceived:	13:30			
Date Sampled:	09/29/2021		Date Re	ceived:	09/29/	/2021		
Sample Method:	Pumped		Sample	Matrix:	GAS	-		

08:35 GST

08:35 GST

0.1

22.95

09/29/2021

09/29/2021

Analysis Comments

Water Level (Static)

Candia E. Mulher

Candia E. Mulhern, Laboratory Manager

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MCL=Maximum Contaminant Level



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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

AD15159	Sample ID:	2MW18D @ RESREC
Pumped	Sample Matrix:	GAS
09/29/2021	Date Received:	09/29/2021
08:48	Time Received:	13:30
GTORREY	Received By:	LAB
	Delivered By:	GT
SES These results relate	only to the sample indicated above and r	
	Pumped 09/29/2021 08:48 GTORREY	Pumped Sample Matrix: 09/29/2021 Date Received: 08:48 Time Received: GTORREY Received By: Delivered By: Delivered By:

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin		09/29/2021	08:48	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:48	GST	DRY	D	Feet	0

Analysis Comments

Candia Z. Thille

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	/		Report Date: 10/1/2021
Class Landfill			
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15160	Sample ID:	2MW19 @ RESREC
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	08:57	Time Received:	13:30
Sampled By:	GTORREY	Received By:	LAB
		Delivered By:	GT

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:57	GST	0.1	D	% LEL	0
Water Level (Static)	DEP-SOP	09/29/2021	08:57	GST	21.25	D	Feet	0

Analysis Comments

Candia Z. Mulhen

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State Laboratory ID: E44123 EPA Lab Code: FL00137

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Report Date: 10/1/2021 Class I Landfill Hays Road Shady Hills, Fl John Power Sample Number: AD15161 Sample ID: GMP1 @ RESREC Sample Method: Pumped Sample Matrix: GAS Date Sampled: 09/29/2021 Date Received: 09/29/2021 Time Sampled: 08:42 Time Received: 13:30 Sampled By: GTORREY Received By: LAB Delivered By:

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:42	GST	0.1	D	% LEL	0

Analysis Comments

Candia Z. Mulha

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recover	у	Report Date:	10/1/2021
Class I Landfill			
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15162	Sample ID: GMP2 @ RESRE	с
Sample Method:	Pumped	Sample Matrix: GAS	
Date Sampled:	09/29/2021	Date Received: 09/29/2021	
Time Sampled:	09:15	Time Received: 13:30	
Sampled By:	GTORREY	Received By: LAB	
		Delivered By: GT	
REPORT OF ANAL	YSES These results rel	ate only to the sample indicated above and meet all requirements of the	e 2016 TNI standards.

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	09:15	GST	0.1	D	% LEL	0

Analysis Comments

Cambio E. Mulher

Candia E. Mulhern, Laboratory Manager

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State Laboratory ID: E44123 EPA Lab Code: FL00137



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Pasco County Utilities Environmental Laboratory Report

LAB

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery Report Date: 10/1/2021 **Class I Landfill** Hays Road Shady Hills, FI John Power Sample Number: AD15163 Sample ID: GMP3 @ RESREC Sample Method: Pumped Sample Matrix: GAS Date Sampled: 09/29/2021 Date Received: 09/29/2021 Time Sampled: 08:30 Time Received: 13:30 Sampled By:

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:30	GST	0.2	D	% LEL	0

Received By:

Delivered By:

Analysis Comments

Candia Z. Thulhen

Candia E. Mulhern, Laboratory Manager

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	Ý		Report Date: 10/1/2021					
Class I Landfill			·					
Hays Road								
Shady Hills, Fl								
John Power								
Sample Number:	AD15164	Sample ID:	GMP4 @ RESRE	С				
Sample Method:	Pumped	Sample Matrix:	GAS					
Date Sampled:	09/29/2021	Date Received:	09/29/2021					
Time Sampled:	08:52	Time Received:	13:30					
Sampled By:	GTORREY	Received By:	LAB					

REPORT OF ANALYSES

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:52	GST	0.1	D	% LEL	0

Delivered By:

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Analysis Comments

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	Report Date: 10/1/2021
Class I Landfill	
Hays Road	
Shady Hills, Fl	
John Power	

Sample Number: Sample Method: Date Sampled: Time Sampled: Sampled By: REPORT OF ANAL	09:03 GTO	bed 9/2021 3 RREY	relate only to the same	Sample Sample Date Re Time Re Receive Delivere	Matrix: ceived: ceived: d By: d By: d By:	GAS 09/29/ 13:30 LAB GT			
	1363		relate only to the sam	pie indicate	d above and	a meet all requ	irements of the	2016 / NI s	tandards.
Analysis Percent Lower Expl	osive Lin	Method METER	Date 09/29/2021	Time 09:03	By GST	Result 0.1	Qualifier D	Unit % LEL	Detection Limit

Analysis Comments

Candia Z. Mulher

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State Laboratory ID: E44123 EPA Lab Code: FL00137



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Pasco County Utilities Environmental Laboratory Report

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Resource Recovery	ý		Report Date: 10/1/2021	
Hays Road				
Shady Hills, Fl				
John Power				
Sample Number:	AD15166	Sample ID:	GMP6 @ RESREC	
Sample Method:	Pumped	Sample Matrix:	GAS	
Date Sampled:	09/29/2021	Date Received:	09/29/2021	
Time Sampled:	08:23	Time Received:	13:30	

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	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	08:23	GST	0.1	D	% LEL	0

Received By:

Delivered By:

Analysis Comments

Sampled By:

Candia E. Mulher

Candia E. Mulhern, Laboratory Manager

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State Laboratory ID: E44123 EPA Lab Code: FL00137



13:30

LAB

GT

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

West Pasco Class III Landfill			Report Date: 10/1/2021
Hays Road			
Shady Hills, Fl			
John Power			
Sample Number:	AD15167	Sample ID:	LF OPERATIONS OFF @ CLASS III
Sample Method:	Pumped	Sample Matrix:	GAS
Date Sampled:	09/29/2021	Date Received:	09/29/2021
Time Sampled:	12:40	Time Received:	13:30

REPORT OF ANALYSES

Sampled By:

GTORREY

Analysis	Method	Date	Time	Ву	Result	Qualifier	Unit	Detection Limit
Percent Lower Explosive Lin	METER	09/29/2021	12:40	GST	0.1	D	% LEL	0

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

Received By:

Delivered By:

Analysis Comments

Candia Z. Mulher

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CLIENT/SAMPLE INFORMATION

Hours: Mon-Fri 8am-5pm

Report Date: 10/1/2021

West Pasco Landfill

Hays Road Shady Hills, Fl

Justin Roessler

Sample Number:	AD15168		Sample ID:		SCALE HOUSE @ CLASS III				
Sample Method:	Pumped		Sample Matrix:		GAS				
Date Sampled:	09/29/2021		Date Received:		09/29/2021				
Time Sampled:	12:55		Time Received:		13:30				
Sampled By:	GTORREY		Received By:		LAB				
STORICE I		relate only to the sam	Delivered By: Delivered By: ate only to the sample indicated above and m			irements of the	2016 TNI s	tandards.	
Analysis	Method	Date	Time	By	Result	Qualifier	Unit	Detection Limit	
Percent Lower Expl	osive Lin METER	09/29/2021	12:55	GST	0.1	D	% LEL		

Analysis Comments

Cantio Z. Thulhe

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