

Dept. Of Environmental Protection

JUL 1 2 2012

Southwest District

"Bringing Opprenturities Home"

DADE CITY
LAND O' LAKES

(352) 523-2411 (813) 996-2411

NEW PORT RICHEY

(727) 847-8902

FAX

(727) 847-8112

UTILITIES SERVICES BRANCH ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DR.

NEW PORT RICHEY, FL 34654

E-MAIL: cmulhern@pascocountyfl.net

July 10, 2012

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
13051 N. Telecom Pkwy.
Temple Terrace, FL 33637

RE: Hays Road Class I and III Landfill Quarter III, 2012

Gas Monitoring

Dear Mr. Morris:

Enclosed please find the results of gas monitoring conducted at the Hays Road Class I and III Landfill as required in the permit for this facility. The gas monitoring was conducted using a CES Landtec GEM2000 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 two minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

This completes the Quarter III, 2012 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern

Laboratory Manager

cc: MS 4565 Solid Waste Section, Florida DEP, 2600 Blair Stone Rd., Tallahassee, Fl 32399-2400 Aamod Sonawane, CDM, Westshore Center Suite 875, 1715 North Westshore Blvd., Tampa, Fl 33607 Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director John Power, Solid Waste Facility Manager



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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

Date: 7/9/2012

REPORT OF ANALYSES

West Pasco Class III Landfill Hays Road Shady Hills, Fl

Shady Hills, Fl John Power

SAMPLE NUMBER AB82517 DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID SCALE HOUSE @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 13:45 RECEIVED BY AC

SAMPLE TYPE

Pumped

	*	j	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:45	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	13:45	WW	0.0	. D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardie E. Mulke



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NELAC E44123 CONTACTS: **GLORIA KRUEGER CHRIS CHILDRESS**

Date: 7/9/2012

REPORT OF ANALYSES

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

SAMPLE NUMBER AB82516 7/5/2012 DATE SAMPLED 7/5/2012 DATE RECEIVED 15:30 TIME RECEIVED

SAMPLE ID LF OPERATIONS OFF @ CLASS III

SAMPLER WMM DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 13:40 AC RECEIVED BY SAMPLE TYPE Pumped

		ANALYSIS						DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	13:40	WM	0.0	D -	% VOL	0

ANALYSIS COMMENTS:

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NELAC Certification # E44123



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REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82510 DATE SAMPLED 7/5/2012

DATE RECEIVED 7/5/20
TIME RECEIVED 15:30

7/5/2012 7/5/2012 SAMPLE ID GMP1 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:00 RECEIVED BY AC SAMPLE TYPE Pumped

wie E. Mille

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:00	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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NELAC E44123 CONTACTS: **GLORIA KRUEGER** CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82511 DATE SAMPLED 7/5/2012

7/5/2012 DATE RECEIVED TIME RECEIVED 15:30

SAMPLE ID GMP2 @ RESREC

SAMPLER WMM **DELIVERED BY WMM**

SAMPLE MATRIX GAS TIME SAMPLED 10:30 RECEIVED BY AC

SAMPLE TYPE Pumped

ANALYSIS Percent Lower Explosive Limit Percent Volume Methane

METHOD **METER METER**

DATE 7/5/2012 7/5/2012 TIME 10:30 10:30

ANALYSIS

WW 0.0 WM 0.0

BY

Date: 7/9/2012

D D

RESULT QUAL. UNIT % LEL % VOL

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LIMIT . 0 0

DET.

ANALYSIS COMMENTS:

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

NELAC E44123 CONTACTS: **GLORIA KRUEGER CHRIS CHILDRESS**

REPORT OF ANALYSES

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB82512 DATE SAMPLED

7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30

SAMPLE ID GMP3 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:25

RECEIVED BY AC SAMPLE TYPE

Pumped

ANALYSIS DET. RESULT QUAL. UNIT **METHOD** DATE TIME BY LIMIT **ANALYSIS** 7/5/2012 10:25 WM 0.0 D % LEL 0 Percent Lower Explosive Limit **METER** % VOL 0 7/5/2012 10:25 WW 0.0 D Percent Volume Methane METER

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82513

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30 SAMPLE ID GMP4 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS
TIME SAMPLED 11:15
RECEIVED BY AC
SAMPLE TYPE
Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:15	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR Landie 2. Mille S DOCUMENT MEETS NELAC STANDARDS

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REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82514 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID GMP5 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:05

RECEIVED BY AC SAMPLE TYPE

Pumped

			ANALYS	SIS			OLIAL LINUT					
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT				
Percent Lower Explosive Limit	METER	7/5/2012	11:05	WM	0.0	D	% LEL	0				
Percent Volume Methane	METER	7/5/2012	11:05	WM	0.0	D	% VOL	0				

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Condin E. /hulke

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82515 DATE SAMPLED

7/5/2012 7/5/2012 DATE RECEIVED

15:30 TIME RECEIVED

SAMPLE ID GMP6 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:23

AC RECEIVED BY SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:23	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:23	WM	0.0	- D	% VOL	0

ANALYSIS COMMENTS:

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Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

TIME RECEIVED

John Power

SAMPLE NUMBER AB82488 DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

15:30

SAMPLE ID 2MW1 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 14:20 RECEIVED BY AC SAMPLE TYPE Pumped

		-	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	14:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	14:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	14:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. / Kulke

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REPORT OF ANALYSES

Resource Recovery
Class I Landfill

Hays Road Shady Hills, Fl John Power

SAMPLE NUMBER AB82490
DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30 SAMPLE ID 2MW2 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:10 RECEIVED BY AC

SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:10	WW	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	10:10	WM	21.47	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardio E. / hulke

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Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery
Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82492 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 2MW4 @ RESREC

2 SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS

TIME SAMPLED 10:40 RECEIVED BY AC

RECEIVED BY A SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:40	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	10:40	WW	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB82494 DATE SAMPLED 7/5/2012

DATE RECEIVED 7/5/2012
TIME RECEIVED 15:30

SAMPLE ID 2MW5 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 14:00

RECEIVED BY AC SAMPLE TYPE

Pumped

		i	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	14:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	14:00	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	14:00	WM	DRY	D	Feet	. 0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Condia E. / Kulke

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82496 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

7/5/2012

7/5/2012

15:30

SAMPLE ID 2MW6 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:13

RECEIVED BY AC

Sin E. Mulhe

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:13	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:13	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	10:13	WW	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

West Pasco Class III Landfill

Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82498 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30 SAMPLE ID 2MW7 @ CLASS III

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 13:50 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:50	WW	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	13:50	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	13:50	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. / Kulhen

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER **CHRIS CHILDRESS**

REPORT OF ANALYSES

West Pasco Class III Landfill Hays Road

Shady Hills, FI John Power

TIME RECEIVED

SAMPLE NUMBER AB82499 7/5/2012 DATE SAMPLED 7/5/2012 DATE RECEIVED

15:30

SAMPLE ID 2MW8 @ CLASS III

SAMPLER WMM **DELIVERED BY WMM** Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 13:25 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	13:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	13:25	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andia E. Mulke

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class III Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82500 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30

82500 SAMPLE ID 2MW10 @ CLASS III

SAMPLER WMM
DELIVERED BY WMM

Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 13:20 RECEIVED BY AC SAMPLE TYPE Pumped

ANALYSIS DET. RESULT QUAL. UNIT LIMIT TIME BY DATE METHOD **ANALYSIS** 13:20 D % LEL 0 7/5/2012 WM 0.0 **METER** Percent Lower Explosive Limit % VOL 0 7/5/2012 13:20 D WW 0.0 Percent Volume Methane **METER** D Feet 0 13:20 7/5/2012 WW DRY **DEP-SOP** Water Level

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

TOR Carolin E. Mulhe

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, Fl John Power

SAMPLE NUMBER AB82503 DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 2MW13 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:40 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:40	WM	0.0	D .	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:40	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	11:40	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Condia E. / hulle

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road Shady Hills, Fl

John Power

SAMPLE NUMBER AB82506 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30 SAMPLE ID 2MW15 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 13:00 RECEIVED BY AC SAMPLE TYPE Pumped

adia E. Mulhe

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:00	WW	0.0	D	% LEL	- 0
Percent Volume Methane	METER	7/5/2012	13:00	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	13:00	WW	20.04	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC Certification # E44123

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82507 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

7/5/2012 7/5/2012

15:30

SAMPLE ID 2MW17S @ RESREC

SAMPLER WMM **DELIVERED BY WMM**

Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:55 RECEIVED BY AC SAMPLE TYPE Pumped

0.00	= (28		ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:55	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:55	WM	0.0	. D	% VOL	. 0
Water Level	DEP-SOP	7/5/2012	10:55	WM	25.48	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Solia E. Mulha



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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82508 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 2MW18D @ RESREC

SAMPLER WMM
DELIVERED BY WMM

SAMPLE MATRIX GAS

TIME SAMPLED 11:20

RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	11:20	WM	25.04	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlin E. Thulke



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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, Fl John Power

SAMPLE NUMBER AB82509 DATE SAMPLED 7/5/2012

DATE RECEIVED 7/5/2012 TIME RECEIVED 15:30 SAMPLE ID 2MW19 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:10 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	11:10	WM	23.57	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardin E. / hulken

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82489 DATE SAMPLED

7/5/2012 7/5/2012

DATE RECEIVED TIME RECEIVED 15:30 SAMPLE ID 4MW1 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 14:25

RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	14:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	14:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	14:25	WW	14.73	D	Feet	, 0

ANALYSIS COMMENTS:

andia to hulke



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NELAC E44123 CONTACTS: **GLORIA KRUEGER CHRIS CHILDRESS**

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82491

DATE SAMPLED 7/5/2012 DATE RECEIVED

TIME RECEIVED

7/5/2012 15:30

SAMPLE ID 4MW2 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:05 RECEIVED BY AC SAMPLE TYPE Pumped

		100	ANALY	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:05	WW	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:05	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	10:05	WM	21.53	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82493

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 4MW4 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS
TIME SAMPLED 10:48
RECEIVED BY AC
SAMPLE TYPE
Pumped

DET.

	- 4	9						DEI.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:48	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:48	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	10:48	WM	23.12	D	Feet	0

ANALYSIS

ANALYSIS COMMENTS:

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Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery
Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82495

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 4MW5 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS

TIME SAMPLED 14:05 RECEIVED BY AC

SAMPLE TYPE

Pumped

in the state of th			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	14:05	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	14:05	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	14:05	WM	20.02	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landie E. / Russe



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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902 NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery

Class I Landfill Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82497 DATE SAMPLED 7/5/2012

DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 4MW6 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:16

RECEIVED BY AC

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	10:16	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	10:16	WM	0.0	D	% VOL	. 0
Water Level	DEP-SOP	7/5/2012	10:16	WM	24.53	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. / Kulke

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

Date: 7/9/2012

REPORT OF ANALYSES

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

SAMPLE NUMBER AB82501 DATE SAMPLED DATE RECEIVED TIME RECEIVED

7/5/2012 7/5/2012 15:30

SAMPLE ID 4MW11D @ RESREC

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 11:30 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	11:30	WM	32.82	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

la C. /hille

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Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB82502 DATE SAMPLED 7/5/2012

DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 4MW12D @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS

TIME SAMPLED 11:35 RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	11:35	WM	23.60	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin E. Mulher



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Date: 7/9/2012

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB82504 DATE SAMPLED 7/5/2012

DATE SAMPLED 7/5/2012 DATE RECEIVED 7/5/2012

TIME RECEIVED 15:30

SAMPLE ID 4MW13D @ RESREC

SAMPLER WMM DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 13:20

RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	13:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2012	13:20	WW	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2012	13:20	WW	23.03	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin E. / Mulke

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REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB82505 DATE SAMPLED

7/5/2012

DATE RECEIVED 15:30 TIME RECEIVED

7/5/2012

SAMPLE ID 4MW14D @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 7/9/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:50

RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2012	11:50	WM	0.0	- D	% LEL	0
Percent Volume Methane	METER	7/5/2012	11:50	WW	0.0	D	% VOL	[^] 0
Water Level	DEP-SOP	7/5/2012	11:50	WW	20.03	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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