

### "Bringing Opportunities Home"

LAND O' LAKES **NEW PORT RICHEY** 

(352) 523-2411 (813) 996-2411 (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 6, 2011

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, 2011

Gas Monitoring

Dept. Of Environmental Protection

Southwest District

Dear Mr. Morris:

Enclosed please find the results of gas monitoring conducted at the Hays Road Class I 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, 2011 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** 

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road

Shady Hills, Fl

John Power

SAMPLE NUMBER AB66399

DATE SAMPLED

DATE RECEIVED TIME RECEIVED

7/5/2011 7/5/2011

15:00

SAMPLE ID 2MW1 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

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	7/5/2011	14:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	14:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	14:20	WM	DRY	D	Feet	0

Dept. Of Environmental Protection

JUL 1 1 2011

Southwest District

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landia Z. / hulke

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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: 7/6/2011

#### REPORT OF ANALYSES

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

TIME RECEIVED

SAMPLE NUMBER AB66400 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

15:00

.866400 SAMPLE ID ./5/2011 SAMPLER

SAMPLE ID 4MW1 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 14:25 RECEIVED BY AC SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	14:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	14:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	14:25	WM	20.22	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlin E. / hulke

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REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB66401 DATE SAMPLED 7/5/2011

DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 2MW2 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:10 RECEIVED BY AC SAMPLE TYPE Pumped

		1	ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	9:10	WM	26.15	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Carolia E. /hulke

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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 AB66402 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID 4MW2 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:15 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	9:15	WM	26.42	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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

Date: 7/6/2011

### REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66403 7/5/2011 DATE SAMPLED DATE RECEIVED 7/5/2011 15:00 TIME RECEIVED

SAMPLE ID 2MW4 @ RESREC

SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 10:10 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALY	515				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	10:10	WM	DRY	D	Feet	0

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**ANALYSIS COMMENTS:** 

andia Z. Thulke 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

Date: 7/6/2011

#### REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66404 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID 4MW4 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 10:18 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:18	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:18	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	10:18	WM	28.34	D	Feet	0

Dept. Of Environmental Protection

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Southwest District

Jalia E. Mulher

**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 AB66405 DATE SAMPLED

DATE RECEIVED 15:00 TIME RECEIVED

7/5/2011 7/5/2011 SAMPLE ID 2MW5 @ RESREC

SAMPLER WMM **DELIVERED BY WMM**  Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 13:15 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	13:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	13:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	13:15	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Jandie Z. Phulken

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Date: 7/6/2011

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, Fl

John Power

TIME RECEIVED

SAMPLE NUMBER AB66406 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

15:00

SAMPLE ID 4MW5 @ RESREC

SAMPLER WMM DELIVERED BY WMM 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	7/5/2011	13:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	13:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	13:25	WM	25.76	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. /hulke

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#### REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66407 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID 2MW6 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:25 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	9:25	WM	DRY	D	Feet	0

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ANALYSIS COMMENTS:

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Date: 7/6/2011

### **REPORT OF ANALYSES**

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

SAMPLE NUMBER AB66408
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 4MW6 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 9:30 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	9:30	WM	29.08	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landie E. /hulke

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Date: 7/6/2011

### REPORT OF ANALYSES

West Pasco Class III Landfill Hays Road

Shady Hills, Fl John Power

044815 1114

SAMPLE NUMBER AB66409 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

DATE RECEIVED 7/5/201 TIME RECEIVED 15:00 SAMPLE ID 2MW7 @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 12:40 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	12:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	12:40	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	12:40	WM	DRY	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

TOR Carlin E. / Kulke

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Date: 7/6/2011

#### REPORT OF ANALYSES

West Pasco Class III Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB66410
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 2MW8 @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 12:20 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	12:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	12:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	12:20	WM	DRY	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Carlie E. / Kulke

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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: 7/6/2011

### **REPORT OF ANALYSES**

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

SAMPLE NUMBER AB66411
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 2MW10 @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 12:10 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	12:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	12:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	12:10	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlin E. / hulke

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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: 7/6/2011

### **REPORT OF ANALYSES**

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66412
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 4MW11D @ RESREC

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

landia E. / hulken

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	11:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	11:00	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	11:00	WM	38.70	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

Date: 7/6/2011

#### REPORT OF ANALYSES

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

SAMPLE NUMBER AB66413
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 4MW12D @ RESREC

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

		12	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	11:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	11:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	11:10	WM	29.37	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

TOR Landia E. Mulher

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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 AB66414 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID 2MW13 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:20 RECEIVED BY AC SAMPLE TYPE Pumped

		2	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	11:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	11:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	11:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. / hulke

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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: 7/6/2011

REPORT OF ANALYSES

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

TIME RECEIVED

SAMPLE ID 4MW13D @ RESREC

SAMPLE NUMBER AB66415 DATE SAMPLED 7/5/2011 7/5/2011 DATE RECEIVED

SAMPLER WMM 15:00 DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 11:15 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	<b>RESULT</b>	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	11:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	11:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	11:15	WM	28.80	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Cardia E. / hulhe

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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 AB66416 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID 4MW14D @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:25 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	11:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	11:25	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	11:25	WM	25.88	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

IRECTOR familia E. /hulla

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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

Shady Hills, FI John Power

SAMPLE NUMBER AB66417 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

7 SAMPLE ID 2MW15 @ RESREC

/2011 SAMPLER WMM 00 DELIVERED BY WMM

Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 14:10 RECEIVED BY AC SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	14:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	14:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	14:10	WM	25.52	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. / hulhe

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"Bringing Opportunities Home"

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

TIME RECEIVED

Date: 7/6/2011

SAMPLE NUMBER AB66418 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

SAMPLE ID 2MW17S @ RESREC

7/5/2011 SAMPLER WMM 15:00 DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 10:50 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:50	WM	0.0	D	% VOL	0
Water Level	<b>DEP-SOP</b>	7/5/2011	10:50	WM	30.97	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardin E. / Kulker

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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 AB66419

DATE SAMPLED DATE RECEIVED TIME RECEIVED 15:00

7/5/2011 7/5/2011 SAMPLE ID 2MW18D @ RESREC

SAMPLER WMM **DELIVERED BY WMM**  Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:45 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	<b>RESULT</b>	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:45	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:45	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	10:45	WM	30.38	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

andia 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

### **REPORT OF ANALYSES**

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66420 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID 2MW19 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:35 RECEIVED BY AC SAMPLE TYPE Pumped

		1	ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	<b>RESULT</b>	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	7/5/2011	10:35	WM	29.10	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Condia E. Thelle

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Date: 7/6/2011

REPORT OF ANALYSES

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

SAMPLE NUMBER AB66421
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID GMP1 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 10:23 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:23	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:23	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolia E. Phulken

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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 AB66422 DATE SAMPLED 7/5/2011

DATE RECEIVED 7/5/2011 15:00 TIME RECEIVED

SAMPLE ID GMP2 @ RESREC

SAMPLER WMM **DELIVERED BY WMM**  Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:55 RECEIVED BY AC SAMPLE TYPE Pumped

		2	ANALYS	SIS				DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:55	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:55	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road

Shady Hills, Fl

John Power

SAMPLE NUMBER AB66423

DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011

TIME RECEIVED 15:00

SAMPLE ID GMP3 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:48 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:48	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:48	WM	0.0	D	% VOL	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Carlin E. Thulken

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Date: 7/6/2011

### **REPORT OF ANALYSES**

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB66424
DATE SAMPLED 7/5/2011
DATE RECEIVED 7/5/2011
TIME RECEIVED 15:00

SAMPLE ID GMP4 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS
TIME SAMPLED 10:38
RECEIVED BY AC
SAMPLE TYPE
Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	<b>RESULT</b>	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:38	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:38	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. Phulken

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

Date: 7/6/2011

#### REPORT OF ANALYSES

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

SAMPLE NUMBER AB66425 7/5/2011 DATE SAMPLED DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00

SAMPLE ID GMP5 @ RESREC

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 10:30 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	10:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	10:30	WM	0.0	D	% VOL	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 AB66426 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID GMP6 @ RESREC

SAMPLER WMM DELIVERED BY WMM Date: 7/6/2011

SAMPLE MATRIX GAS TIME SAMPLED 9:40 RECEIVED BY AC SAMPLE TYPE Pumped

landin E. /hulhe

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	9:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	9:40	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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Date: 7/6/2011

REPORT OF ANALYSES

West Pasco Class III Landfill

Hays Road Shady Hills, Fl

John Power

SAMPLE NUMBER AB66427 DATE SAMPLED 7/5/2011

DATE RECEIVED

7/5/2011 15:00 SAMPLE ID SCALE HOUSE @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 12:30 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	12:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	12:30	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardin E. / hulke

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Date: 7/6/2011

REPORT OF ANALYSES

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

SAMPLE NUMBER AB66428 DATE SAMPLED 7/5/2011 DATE RECEIVED 7/5/2011 TIME RECEIVED 15:00 SAMPLE ID LF OPERATIONS OFF @ CLASS III

SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 12:35 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	<b>METHOD</b>	DATE	TIME	BY	<b>RESULT</b>	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	7/5/2011	12:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	7/5/2011	12:35	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cardia E. /hulken

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