

FAX

PASCO COUNTY, FLORIDA

"Bringing Opprenturities Home"

DADE CITY LAND O' LAKES NEW PORT RICHEY

(352) 523-2411

(813) 996-241 Dept. Of Environmental Protection

JAN 2 8 2013

Southwest District

(727) 847-8902

(727) 847-8112

UTILITIES SERVICES BRANCH ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DR. NEW PORT RICHEY, FL 34654

E-MAIL: cmulhern@pascocountyfl.net

January 24, 2013

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

RE: West Pasco Landfill Quarter I, 2013 Gas Monitoring

Dear Mr. Moore:

Enclosed please find the results of gas monitoring conducted at the West Pasco 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 three minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

This completes the Quarter I, 2013 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 III Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB90758 SAMI

DATE SAMPLED

1/14/2013

DATE RECEIVED 1/14/20 TIME RECEIVED 16:00

1/14/2013

SAMPLE ID 2MW10 @ CLASS III

SAMPLER WMM
DELIVERED BY WMM

Date: 1/17/2013

SAMPLE MATRIX GAS
TIME SAMPLED 13:10
RECEIVED BY AC
SAMPLE TYPE

Pumped

		•	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	13:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	13:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	13:10	WM	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

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB90761 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00 SAMPLE ID 2MW13 @ RESREC

1/14/2013 SAMPLER WMM 16:00 DELIVERED BY WMM Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 12:00 RECEIVED BY AC SAMPLE TYPE Pumped

Combin Z. / hulle

		•	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	12:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	12:00	WM	0.0	D	% VOL	Ö
Water Level	DEP-SOP	1/14/2013	12:00	WM	DRY	D	Feet	Ō

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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Page 2 of 5



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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class | Landfill Havs Road

Shady Hills, FI John Power

SAMPLE NUMBER AB90764

DATE SAMPLED 1/14/2013 DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00 SAMPLE ID 2MW15 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 14:00 RECEIVED BY AC

Cambin E. / hulke

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	14:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	14:00	WM	0.0	D	% VOL	Ō
Water Level	DEP-SOP	1/14/2013	14:00	WM	22.41	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 AB90765 DATE SAMPLED 1/14/2013

DATE SAMPLED 1/14/2013
DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

SAMPLE ID 2MW17S @ RESREC

SAMPLER WMM DELIVERED BY WMM

Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:43 RECEIVED BY AC SAMPLE TYPE Pumped

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:43	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:43	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	9:43	WM	26.43	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Combin Z. / hulken



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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 AB90766 DATE SAMPLED

1/14/2013 DATE RECEIVED

TIME RECEIVED 16:00

SAMPLE ID 2MW18D @ RESREC

1/14/2013 SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:27 RECEIVED BY AC SAMPLE TYPE Pumped

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:27	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:27	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	9:27	WM	25.87	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

Date: 1/17/2013

REPORT OF ANALYSES

Resource Recovery
Class I Landfill

Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB90746 SAMPLE ID 2MW1 @ RESRE

DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00

SAMPLE ID 2MW1 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

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	1/14/2013	14:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	14:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	14:10	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolin Z. / hulken



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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

SAMPLE ID 2MW2 @ RESREC

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB90748

DATE SAMPLED DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00

1/14/2013

SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS

TIME SAMPLED 10:50

Combin Z. / hulke

AC

RECEIVED BY SAMPLE TYPE

Pumped

		ı	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:50	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	10:50	WM	22.18	D	Feet	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

Date: 1/17/2013

SAMPLE NUMBER AB90750 DATE SAMPLED

1/14/2013

SAMPLE ID 2MW4 @ RESREC

DATE RECEIVED TIME RECEIVED

1/14/2013 16:00

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 9:57 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:57	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:57	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	9:57	WM	23.76	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Contin Z. Thulke



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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 ID 2MW5 @ RESREC

SAMPLE NUMBER AB90752 DATE SAMPLED 1/14/2013 DATE RECEIVED 1/14/2013

DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00

_

SAMPLER WMM
DELIVERED BY WMM

Date: 1/17/2013

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

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	12:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	12:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	12:35	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landie E. Phulke

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Page 4 of 11



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

REPORT OF ANALYSES

Resource Recovery Class I Landfill Havs Road Shady Hills, FI

John Power

SAMPLE NUMBER AB90754 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00

SAMPLE ID 2MW6 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

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

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	10:35	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cambin Z. Thulke



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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 AB90756 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/201

TIME RECEIVED 16:00

SAMPLE ID 2MW7 @ CLASS III

1/14/2013 SAMPLER WMM 16:00 DELIVERED BY WMM Date: 1/17/2013

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

Parker Z. / hulke

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	13:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	13:50	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	13:50	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

West Pasco
Class III Landfill

Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB90757 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013

AB90757 SAMPLE ID 2MW8 @ CLASS III 1/14/2013

1/14/2013 SAMPLER WMM 16:00 DELIVERED BY WMM Date: 1/17/2013

SAMPLE MATRIX GAS

TIME SAMPLED 13:20 RECEIVED BY AC

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	13:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	13:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	13:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Combin Z. / hulke



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REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI John Power Date: 1/17/2013

SAMPLE NUMBER AB90759 DATE SAMPLED 1/14/2013

DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00

SAMPLE ID 4MW11D @ RESREC

SAMPLER WMM
DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 11:30 RECEIVED BY AC SAMPLE TYPE Pumped

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	11:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	11:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	11:30	WM	34.64	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolin Z. Phulia



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

REPORT OF ANALYSES

Resource Recovery Class | Landfill Havs Road Shady Hills, FI John Power

Date: 1/17/2013

SAMPLE NUMBER AB90760 DATE SAMPLED 1/14/2013

DATE RECEIVED

SAMPLE ID 4MW12D @ RESREC

1/14/2013 TIME RECEIVED 16:00

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 11:40 RECEIVED BY AC SAMPLE TYPE Pumped

		ı	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	11:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	11:40	WM	0.0	D	% VOL	Ō
Water Level	DEP-SOP	1/14/2013	11:40	WM	25.47	D	Feet	Ō

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

lande E. Thele



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REPORT OF ANALYSES

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power Date: 1/17/2013

SAMPLE NUMBER AB90762 DATE SAMPLED 1/14/2013

DATE SAMPLED 1/14/2013
DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

SAMPLE ID 4MW13D @ RESREC

SAMPLER WMM
DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 11:50 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	11:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	11:50	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	11:50	WM	24.98	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolin Z. / Kulhen



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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

SAMPLE ID 4MW14D @ RESREC

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB90763 DATE SAMPLED

DATE RECEIVED TIME RECEIVED 16:00

1/14/2013 1/14/2013

DELIVERED BY WMM

SAMPLER WMM

Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 12:10

Cambin Z. Phulke

RECEIVED BY AC SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	12:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	12:10	WM	0.0	D	% VOL	Ŏ
Water Level	DEP-SOP	1/14/2013	12:10	WM	22.10	D	Feet	Ö

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 AB90767

DATE SAMPLED

1/14/2013 DATE RECEIVED TIME RECEIVED 16:00

SAMPLE ID 2MW19 @ RESREC

1/14/2013 SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:12 RECEIVED BY AC SAMPLE TYPE Pumped

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:12	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:12	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	9:12	WM	24.69	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cambin Z. 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, FI

Snady Hills, F
John Power

SAMPLE NUMBER AB90747 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

SAMPLE ID 4MW1 @ RESREC

1/14/2013 SAMPLER WMM 16:00 DELIVERED BY WMM Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 14:15 RECEIVED BY AC SAMPLE TYPE Pumped

Carlie Z. /hulle

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	14:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	14:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	14:15	WM	17.28	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

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

Date: 1/17/2013

SAMPLE NUMBER AB90749 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00 SAMPLE ID 4MW2 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 10:55 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:55	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:55	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	10:55	WM	22.40	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cambin Z. Phulke



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REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI John Power Date: 1/17/2013

SAMPLE NUMBER AB90751 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

SAMPLE ID 4MW4 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

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

landin Z. /hulk

		•	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:05	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:05	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	10:05	WM	23.76	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS



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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 AB90753

DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

B90753 SAMPLE ID 4MW5 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 12:30 RECEIVED BY AC SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	12:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	12:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	1/14/2013	12:30	WM	21.25	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cambrie Z. Phulke



"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 Havs Road Shady Hills, FI

John Power

SAMPLE NUMBER AB90755 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013 TIME RECEIVED 16:00

SAMPLER WMM

SAMPLE ID 4MW6 @ RESREC

DELIVERED BY WMM

Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 10:40 RECEIVED BY AC SAMPLE TYPE Pumped

ANALYSIS DET. **ANALYSIS METHOD** DATE TIME BY RESULT QUAL. UNIT LIMIT Percent Lower Explosive Limit METER 1/14/2013 10:40 WM 0.0 D % LEL 0 Percent Volume Methane 1/14/2013 10:40 METER WM 0.0 D % VOL 0 Water Level DEP-SOP 1/14/2013 10:40 D WM 24.55 Feet 0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlie E. Phulks

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Page 5 of 5



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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 AB90768

DATE SAMPLED 1/14/2013
DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00

SAMPLE ID GMP1 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:33

RECEIVED BY AC SAMPLE TYPE

Pumped

		*	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:33	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:33	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cankin E. Thelle



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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 AB90769 DATE SAMPLED

1/14/2013 DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00 SAMPLE ID GMP2 @ RESREC

SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS

TIME SAMPLED 10:11 RECEIVED BY AC

R. Z. Thelle

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:11	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:11	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



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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

34.57

Date: 1/17/2013

SAMPLE NUMBER AB90770 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013
TIME RECEIVED 16:00

SAMPLE ID GMP3 @ RESREC

SAMPLER WMM
DELIVERED BY WMM

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	1/14/2013	10:16	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:16	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolia E. Phulke



"Bringing Opportunities Home"

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 AB90771 DATE SAMPLED 1/14/2013

DATE RECEIVED 1/14/2013

TIME RECEIVED 16:00

SAMPLE ID GMP4 @ RESREC

1/14/2013 SAMPLER WMM 16:00 DELIVERED BY WMM Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:17 RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:17	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:17	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR Land Z. /hulkan



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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

SAMPLE ID GMP5 @ RESREC

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB90772 DATE SAMPLED

DATE RECEIVED TIME RECEIVED 16:00

1/14/2013

1/14/2013 SAMPLER WMM **DELIVERED BY WMM** Date: 1/17/2013

SAMPLE MATRIX GAS TIME SAMPLED 9:07 RECEIVED BY AC

Candie Z. Thulke

SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	9:07	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	9:07	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



"Bringing Opportunities Home"

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

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

Date: 1/17/2013

REPORT OF ANALYSES

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

SAMPLE NUMBER AB90773 DATE SAMPLED 1/14/2013

DATE RECEIVED TIME RECEIVED

SAMPLE ID GMP6 @ RESREC

1/14/2013 SAMPLER WMM 16:00 **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 10:22 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	10:22	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	10:22	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Cambin Z. 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

Date: 1/17/2013

REPORT OF ANALYSES

West Pasco Class III Landfill Havs Road

Shady Hills, FI John Power

SAMPLE NUMBER AB90774 DATE SAMPLED

DATE RECEIVED TIME RECEIVED

1/14/2013

1/14/2013 16:00

SAMPLE ID LF OPERATIONS OFF @ CLASS III

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS

TIME SAMPLED 13:30 RECEIVED BY AC

SAMPLE TYPE

Pumped

		ANALYSIS						DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	1/14/2013	13:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	1/14/2013	13:30	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andie 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

West Pasco Class III Landfill Hays Road

Shady Hills, FI John Power

ANALYSIS

SAMPLE NUMBER AB90775 DATE SAMPLED 1/14/2013

DATE RECEIVED TIME RECEIVED

1/14/2013 16:00

SAMPLE ID SCALE HOUSE @ CLASS III

SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS

TIME SAMPLED 13:40 RECEIVED BY AC

SAMPLE TYPE Pumped

ANALYSIS DET. **METHOD** DATE TIME **RESULT QUAL. UNIT** BY LIMIT METER 1/14/2013 13:40 WM 0.0 D % LEL 0 1/14/2013 13:40 **METER** WM 0.0 D % VOL 0

Date: 1/17/2013

ANALYSIS COMMENTS:

Percent Lower Explosive Limit

Percent Volume Methane

LABORATORY DIRECTOR

landin Z. / hulke