

"Bringing Opportunities Home"

DADE CITY LAND O' LAKES NEW PORT RICHEY

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

FAX

(727) 847-8902 (727) 847-8112 UTILITIES SERVICES BRANCH ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DR. NEW PORT RICHEY, FL 34654

E-MAIL: cmulhern@pascocountyfl.net

Dept. Of Environmental Protection

NOV 03 2011

Southwest District

November 1, 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 Landfill

Quarter IV, 2011 Gas Monitoring

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 three minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

This completes the Quarter IV, 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

SAMPLE ID GMP1 @ RESREC

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB71096

DATE SAMPLED DATE RECEIVED 10/19/2011 SAMPLER WMM

TIME RECEIVED 15:39

10/19/2011

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:22

die E. Mille

RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:22	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:22	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

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

Date: 10/19/2011

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, Fl

John Power

SAMPLE NUMBER AB71097 DATE SAMPLED

DATE RECEIVED 10/19/2011 SAMPLER WMM TIME RECEIVED

10/19/2011

15:39

SAMPLE ID GMP2 @ RESREC

DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 10:52 RECEIVED BY AC

SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:52	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:52	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin E. Mille

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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 AB71098 DATE SAMPLED 10/19/2011 DATE RECEIVED

15:39 TIME RECEIVED

SAMPLE ID GMP3 @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:47 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:47	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:47	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

adia E. Mulk



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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

Date: 10/19/2011

SAMPLE NUMBER AB71099

John Power

10/19/2011

SAMPLE ID GMP4 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

15:39

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 11:32 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:32	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:32	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Die To 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

REPORT OF ANALYSES

SAMPLE ID GMP5 @ RESREC

Resource Recovery

Class I Landfill Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB71100 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

15:39

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:36

RECEIVED BY AC SAMPLE TYPE

Sie C. / hulke

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:36	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:36	WM	0.0	D	% VOL	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, Fl

John Power

SAMPLE NUMBER AB71101

DATE SAMPLED 10/19/2011 DATE RECEIVED 10/19/2011

TIME RECEIVED 15:39

71101 SAMPLE ID GMP6 @ RESREC

10/19/2011 SAMPLER WMM 15:39 DELIVERED BY WMM Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:40 RECEIVED BY AC

andia E. Mulha

SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:40	WM	0.0	D	% VOL	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 AB71102 DATE SAMPLED

10/19/2011

DATE RECEIVED

15:40 TIME RECEIVED

SAMPLE ID SCALE HOUSE @ CLASS III

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

Date: 10/19/2011

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

Condin E. Mulke

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	13:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	13:20	WM	0.0	D	% VOL	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 AB71103 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

15:40

10/19/2011

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS

TIME SAMPLED 13:23 AC

RECEIVED BY SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	13:23	WW	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	13:23	WM	0.0	D	% VOL	0

SAMPLE ID LF OPERATIONS OFF @ CLASS III

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Condia E. /hulk.

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

Date: 10/19/2011

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road

Shady Hills, Fl John Power

SAMPLE NUMBER AB71074

10/19/2011

SAMPLE ID 2MW1 @ RESREC

DATE SAMPLED DATE RECEIVED TIME RECEIVED

15:37

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 14:10 RECEIVED BY AC

SAMPLE TYPE Pumped

ANALYSIS DET. TIME BY RESULT QUAL. UNIT **METHOD** DATE LIMIT **ANALYSIS** 10/19/2011 14:10 % LEL 0 WM 0.0 D Percent Lower Explosive Limit METER 10/19/2011 14:10 WM D % VOL 0 Percent Volume Methane 0.0 METER 10/19/2011 14:10 0 D Feet WM DRY Water Level DEP-SOP

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlia E. /hulle

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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 AB71075

DATE SAMPLED

TIME RECEIVED

DATE RECEIVED

SAMPLE ID 4MW1 @ RESREC 10/19/2011

15:37

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 14:15 RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	14:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	14:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	14:15	WM	17.48	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR Landia E. Mulhe



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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

Date: 10/19/2011

SAMPLE NUMBER AB71076 DATE SAMPLED

10/19/2011

SAMPLE ID 2MW2 @ RESREC

SAMPLE MATRIX GAS TIME SAMPLED 10:00

DATE RECEIVED

John Power

10/19/2011 SAMPLER WMM

RECEIVED BY AC

TIME RECEIVED

15:37

DELIVERED BY WMM

SAMPLE TYPE

Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:00	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	10:00	WM	23.00	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andia E. /hulhe

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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 AB71077 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

15:37

SAMPLE ID 4MW2 @ RESREC

10/19/2011 SAMPLER WMM DELIVERED BY WMM Date: 10/19/2011

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

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	10:10	WM	23.27	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

SAMPLE ID 2MW4 @ RESREC

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB71078 DATE SAMPLED

TIME RECEIVED

10/19/2011 DATE RECEIVED

10/19/2011 SAMPLER WMM 15:37

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:04 RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:04	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:04	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	11:04	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin 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

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road Shady Hills, FI

John Power

SAMPLE NUMBER AB71079

DATE SAMPLED

DATE RECEIVED TIME RECEIVED

10/19/2011

15:37

SAMPLE ID 4MW4 @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:12 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:12	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:12	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	11:12	WM	25.10	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

alice. /hull

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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: 10/19/2011

REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road Shady Hills, Fl John Power

SAMPLE NUMBER AB71080 DATE SAMPLED

10/19/2011

SAMPLE ID 2MW5 @ RESREC

DATE RECEIVED TIME RECEIVED

10/19/2011 SAMPLER WMM 15:37

DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 11:52

RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:52	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:52	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	11:52	WM	22.43	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

SAMPLE NUMBER AB71081 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

10/19/2011 SAMPLER WMM

15:37

SAMPLE ID 4MW5 @ RESREC

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:48 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:48	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:48	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	11:48	WM	22.43	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin 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**

REPORT OF ANALYSES

SAMPLE ID 2MW6 @ RESREC

Resource Recovery Class I Landfill Hays Road

Shady Hills, Fl John Power

SAMPLE NUMBER AB71082 DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/19/2011

15:37

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:20 RECEIVED BY AC

SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	10:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andie E. Mulhe



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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 AB71083 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

15:37

SAMPLE ID 4MW6 @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 10:30 RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	10:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	10:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	10:30	WM	25.98	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landia 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

REPORT OF ANALYSES

West Pasco

Class III Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB71084 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

15:38

SAMPLE ID 2MW7 @ CLASS III

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 13:31 RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	13:31	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	13:31	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	13:31	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin E. / Kulke



"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

West Pasco

Class III Landfill

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB71085 DATE SAMPLED

10/19/2011

SAMPLE ID 2MW8 @ CLASS III

DATE RECEIVED TIME RECEIVED

15:38

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 13:11 AC

RECEIVED BY SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	13:11	WW	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	13:11	WW	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	13:11	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landie E. Thulke THIS DOCUMENT MEETS NELAC STANDARDS **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**

Date: 10/19/2011

REPORT OF ANALYSES

Resource Recovery Class III Landfill Hays Road Shady Hills, FI

TIME RECEIVED

John Power

SAMPLE ID 2MW10 @ CLASS III SAMPLE NUMBER AB71086

DATE SAMPLED 10/19/2011 DATE RECEIVED

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** 15:38

SAMPLE MATRIX GAS TIME SAMPLED 13:05 RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	13:05	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	13:05	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	13:05	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landie 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

REPORT OF ANALYSES

Resource Recovery

Class I Landfill

Hays Road Shady Hills, Fl

John Power

SAMPLE NUMBER AB71087 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/19/2011

15:38

SAMPLE ID 4MW11D @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 12:04

RECEIVED BY AC SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	12:04	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	12:04	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	12:04	WM	35.54	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landia E. /hulka THIS DOCUMENT MEETS NELAC STANDARDS

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

Date: 10/19/2011

REPORT OF ANALYSES

Resource Recovery Class | Landfill Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB71088

10/19/2011

SAMPLE ID 4MW12D @ RESREC

DATE SAMPLED DATE RECEIVED TIME RECEIVED

10/19/2011 SAMPLER WMM 15:38

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	10/19/2011	12:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	12:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	12:10	WM	26.35	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Solie C. Mulk

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

REPORT OF ANALYSES

Resource Recovery Class I Landfill Hays Road Shady Hills, FI

Date: 10/19/2011

SAMPLE NUMBER AB71089

John Power

10/19/2011

SAMPLE ID 2MW13 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

15:38

10/19/2011 SAMPLER WMM

DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 12:22 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	12:22	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	12:22	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	12:22	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlin E. Mulho.

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery Class I Landfill

DATE RECEIVED

TIME RECEIVED

Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB71090 DATE SAMPLED

10/19/2011

15:38

SAMPLE ID 4MW13D @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 12:18 RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS							DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	12:18	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	12:18	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	12:18	WM	25.01	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andia E. Mulke



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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 AB71091 DATE SAMPLED

DATE RECEIVED TIME RECEIVED 15:38

SAMPLE ID 4MW14D @ RESREC 10/19/2011

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 12:24

RECEIVED BY AC

SAMPLE TYPE Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	12:24	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	12:24	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	12:24	WM	22.91	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Sandia E. / 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

Date: 10/19/2011

SAMPLE NUMBER AB71092

10/19/2011

SAMPLE ID 2MW15 @ RESREC

DATE SAMPLED DATE RECEIVED TIME RECEIVED

15:38

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** SAMPLE MATRIX GAS TIME SAMPLED 13:44 RECEIVED BY AC

SAMPLE TYPE Pumped

ANALYSIS DET. RESULT QUAL. UNIT DATE TIME BY **ANALYSIS** METHOD LIMIT 10/19/2011 13:44 % LEL Percent Lower Explosive Limit **METER** WW 0.0 D 0 Percent Volume Methane 10/19/2011 13:44 % VOL 0 WW D **METER** 0.0 Water Level **DEP-SOP** 10/19/2011 13:44 WM 22.79 D Feet 0

ANALYSIS COMMENTS:

andin E. Mulher

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REPORT OF ANALYSES

Resource Recovery Class I Landfill

Hays Road

Shady Hills, FI John Power

SAMPLE NUMBER AB71093 DATE SAMPLED

TIME RECEIVED

10/19/2011 DATE RECEIVED

15:39

SAMPLE ID 2MW17S @ RESREC

10/19/2011 SAMPLER WMM **DELIVERED BY WMM** Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:17 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/19/2011	11:17	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/19/2011	11:17	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/19/2011	11:17	WM	27.70	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andie C. Mulle

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NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

REPORT OF ANALYSES

SAMPLE ID 2MW18D @ RESREC

Resource Recovery Class I Landfill Hays Road

Shady Hills, FI John Power

TIME RECEIVED

SAMPLE NUMBER AB71094 DATE SAMPLED

DATE RECEIVED

15:39

10/19/2011

10/19/2011 SAMPLER WMM DELIVERED BY WMM Date: 10/19/2011

SAMPLE MATRIX GAS TIME SAMPLED 11:27 RECEIVED BY AC SAMPLE TYPE Pumped

	ANALYSIS							
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Percent Lower Explosive Limit Percent Volume Methane	METER METER	10/19/2011 10/19/2011	11:27 11:27	WM	0.0	D	% LEL	0
Water Level	DEP-SOP	10/19/2011	11:27	WM WM	0.0 27.15	D D	% VOL Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

andie E. Mulhe



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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: 10/19/2011

SAMPLE NUMBER AB71095

10/19/2011

SAMPLE ID 2MW19 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/19/2011 SAMPLER WMM

15:39

DELIVERED BY WMM

SAMPLE MATRIX GAS TIME SAMPLED 11:41 RECEIVED BY AC SAMPLE TYPE Pumped

ANALYSIS DET. RESULT QUAL. UNIT **ANALYSIS** METHOD DATE TIME BYLIMIT Percent Lower Explosive Limit 10/19/2011 11:41 0.0 D % LEL 0 **METER** WW Percent Volume Methane 10/19/2011 11:41 % VOL METER WM 0.0 D 0 **DEP-SOP** Water Level 10/19/2011 11:41 WW 25.87 D Feet 0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

landin E. Mulke

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