



PASCO COUNTY, FLORIDA

"Bringing Opportunities Home"

DADE CITY (352) 523-2411
LAND O' LAKES (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

November 1, 2011

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

Dept. Of Environmental Protection
NOV 03 2011
Southwest District

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



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71096 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:22
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:22	WM	0.0	D	% LEL	0
METER	10/19/2011	11:22	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71097 SAMPLE ID GMP2 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:52
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:52	WM	0.0	D	% LEL	0
METER	10/19/2011	10:52	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71098 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:47	WM	0.0	D	% LEL	0
METER	10/19/2011	10:47	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71099 SAMPLE ID GMP4 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:32	WM	0.0	D	% LEL	0
METER	10/19/2011	11:32	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71100 SAMPLE ID GMP5 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:36
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:36	WM	0.0	D	% LEL	0
METER	10/19/2011	11:36	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71101 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:40	WM	0.0	D	% LEL	0
METER	10/19/2011	10:40	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71102 SAMPLE ID SCALE HOUSE @ CLASS III
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:40 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:20	WM	0.0	D	% LEL	0
METER	10/19/2011	13:20	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER	AB71103	SAMPLE ID	LF OPERATIONS OFF @ CLASS III	SAMPLE MATRIX	GAS
DATE SAMPLED	10/19/2011			TIME SAMPLED	13:23
DATE RECEIVED	10/19/2011	SAMPLER	WMM	RECEIVED BY	AC
TIME RECEIVED	15:40	DELIVERED BY	WMM	SAMPLE TYPE	Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:23	WM	0.0	D	% LEL	0
METER	10/19/2011	13:23	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71074 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	14:10	WM	0.0	D	% LEL	0
METER	10/19/2011	14:10	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	14:10	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71075 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	14:15	WM	0.0	D	% LEL	0
METER	10/19/2011	14:15	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	14:15	WM	17.48	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71076 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:00
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:00	WM	0.0	D	% LEL	0
METER	10/19/2011	10:00	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	10:00	WM	23.00	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71077 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:10	WM	0.0	D	% LEL	0
METER	10/19/2011	10:10	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	10:10	WM	23.27	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71078 SAMPLE ID 2MW4 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:04	WM	0.0	D	% LEL	0
METER	10/19/2011	11:04	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:04	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71079 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:12	WM	0.0	D	% LEL	0
METER	10/19/2011	11:12	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:12	WM	25.10	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71080 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:52
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:52	WM	0.0	D	% LEL	0
METER	10/19/2011	11:52	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:52	WM	22.43	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71081 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:48	WM	0.0	D	% LEL	0
METER	10/19/2011	11:48	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:48	WM	22.43	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71082 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:20
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:20	WM	0.0	D	% LEL	0
METER	10/19/2011	10:20	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	10:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71083 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:37 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	10:30	WM	0.0	D	% LEL	0
METER	10/19/2011	10:30	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	10:30	WM	25.98	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71084 SAMPLE ID 2MW7 @ CLASS III
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:31	WM	0.0	D	% LEL	0
METER	10/19/2011	13:31	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	13:31	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71085 SAMPLE ID 2MW8 @ CLASS III
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:11
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:11	WM	0.0	D	% LEL	0
METER	10/19/2011	13:11	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	13:11	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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 III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71086 SAMPLE ID 2MW10 @ CLASS III
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:05	WM	0.0	D	% LEL	0
METER	10/19/2011	13:05	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	13:05	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71087 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 12:04
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	12:04	WM	0.0	D	% LEL	0
METER	10/19/2011	12:04	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	12:04	WM	35.54	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71088 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	12:10	WM	0.0	D	% LEL	0
METER	10/19/2011	12:10	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	12:10	WM	26.35	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71089 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	12:22	WM	0.0	D	% LEL	0
METER	10/19/2011	12:22	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	12:22	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71090 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 12:18
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	12:18	WM	0.0	D	% LEL	0
METER	10/19/2011	12:18	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	12:18	WM	25.01	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71091 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 12:24
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS							DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	
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

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71092 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:38 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:44
RECEIVED BY AC
SAMPLE TYPE
Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	13:44	WM	0.0	D	% LEL	0
METER	10/19/2011	13:44	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	13:44	WM	22.79	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71093 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:17	WM	0.0	D	% LEL	0
METER	10/19/2011	11:17	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:17	WM	27.70	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, FL
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71094 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:27	WM	0.0	D	% LEL	0
METER	10/19/2011	11:27	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:27	WM	27.15	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"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, Fl
John Power

Date: 10/19/2011

SAMPLE NUMBER AB71095 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 10/19/2011
DATE RECEIVED 10/19/2011 SAMPLER WMM
TIME RECEIVED 15:39 DELIVERED BY WMM

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
METER	10/19/2011	11:41	WM	0.0	D	% LEL	0
METER	10/19/2011	11:41	WM	0.0	D	% VOL	0
DEP-SOP	10/19/2011	11:41	WM	25.87	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123