



PASCO COUNTY, FLORIDA

"Bringing Opportunities Home"

Dept. Of Environmental Protection

JUL 12 2012

Southwest District

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

July 10, 2012

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

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

Dear Mr. Morris:

Enclosed please find the results of gas monitoring conducted at the Hays Road Class I and III Landfill as required in the permit for this facility. The gas monitoring was conducted using a CES Landtec GEM2000 Gas Meter. Calibration of the instrument was conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The meter was allowed to run for two minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

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



PASCO COUNTY, FLORIDA

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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, FL
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82517 SAMPLE ID SCALE HOUSE @ CLASS III
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:45
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	7/5/2012	13:45	WM	0.0	D	% LEL	0
METER	7/5/2012	13:45	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER	AB82516	SAMPLE ID	LF OPERATIONS OFF @ CLASS III	SAMPLE MATRIX	GAS
DATE SAMPLED	7/5/2012			TIME SAMPLED	13:40
DATE RECEIVED	7/5/2012	SAMPLER	WMM	RECEIVED BY	AC
TIME RECEIVED	15:30	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	7/5/2012	13:40	WM	0.0	D	% LEL	0
METER	7/5/2012	13:40	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82510 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:00
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	7/5/2012	11:00	WM	0.0	D	% LEL	0
METER	7/5/2012	11:00	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82511 SAMPLE ID GMP2 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:30
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	7/5/2012	10:30	WM	0.0	D	% LEL	0
METER	7/5/2012	10:30	WM	0.0	D	% VOL	0

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82512 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:25
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	7/5/2012	10:25	WM	0.0	D	% LEL	0
METER	7/5/2012	10:25	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82513 SAMPLE ID GMP4 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:15
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	7/5/2012	11:15	WM	0.0	D	% LEL	0
METER	7/5/2012	11:15	WM	0.0	D	% VOL	0

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Shady Hills, FL
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82514 SAMPLE ID GMP5 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:05
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	7/5/2012	11:05	WM	0.0	D	% LEL	0
METER	7/5/2012	11:05	WM	0.0	D	% VOL	0

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Resource Recovery
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Shady Hills, FL
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Date: 7/9/2012

SAMPLE NUMBER AB82515 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:23
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	7/5/2012	10:23	WM	0.0	D	% LEL	0
METER	7/5/2012	10:23	WM	0.0	D	% VOL	0

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REPORT OF ANALYSES

Resource Recovery
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Hays Road
Shady Hills, FL
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Date: 7/9/2012

SAMPLE NUMBER AB82488 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 14:20
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	7/5/2012	14:20	WM	0.0	D	% LEL	0
METER	7/5/2012	14:20	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	14:20	WM	DRY	D	Feet	0

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Resource Recovery
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Date: 7/9/2012

SAMPLE NUMBER AB82490 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 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	7/5/2012	10:10	WM	0.0	D	% LEL	0
METER	7/5/2012	10:10	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:10	WM	21.47	D	Feet	0

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John Power

Date: 7/9/2012

SAMPLE NUMBER AB82492 SAMPLE ID 2MW4 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:40
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	7/5/2012	10:40	WM	0.0	D	% LEL	0
METER	7/5/2012	10:40	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:40	WM	DRY	D	Feet	0

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82494 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 14:00
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	7/5/2012	14:00	WM	0.0	D	% LEL	0
METER	7/5/2012	14:00	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	14:00	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82496 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:13
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	7/5/2012	10:13	WM	0.0	D	% LEL	0
METER	7/5/2012	10:13	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:13	WM	DRY	D	Feet	0

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82498 SAMPLE ID 2MW7 @ CLASS III
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:50
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	7/5/2012	13:50	WM	0.0	D	% LEL	0
METER	7/5/2012	13:50	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	13:50	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82499 SAMPLE ID 2MW8 @ CLASS III
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:25
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	7/5/2012	13:25	WM	0.0	D	% LEL	0
METER	7/5/2012	13:25	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	13:25	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82500 SAMPLE ID 2MW10 @ CLASS III
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:20
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	7/5/2012	13:20	WM	0.0	D	% LEL	0
METER	7/5/2012	13:20	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	13:20	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82503 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:40
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	7/5/2012	11:40	WM	0.0	D	% LEL	0
METER	7/5/2012	11:40	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:40	WM	DRY	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82506 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:00
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	7/5/2012	13:00	WM	0.0	D	% LEL	0
METER	7/5/2012	13:00	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	13:00	WM	20.04	D	Feet	0

ANALYSIS COMMENTS:

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Resource Recovery
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Hays Road
Shady Hills, Fl
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82507 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:55
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	7/5/2012	10:55	WM	0.0	D	% LEL	0
METER	7/5/2012	10:55	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:55	WM	25.48	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82508 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:20
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	7/5/2012	11:20	WM	0.0	D	% LEL	0
METER	7/5/2012	11:20	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:20	WM	25.04	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



PASCO COUNTY, FLORIDA

"Bringing Opportunities Home"

ENVIRONMENTAL LABORATORY
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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: 7/9/2012

SAMPLE NUMBER AB82509 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:10
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	7/5/2012	11:10	WM	0.0	D	% LEL	0
METER	7/5/2012	11:10	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:10	WM	23.57	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82489 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 14:25
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	7/5/2012	14:25	WM	0.0	D	% LEL	0
METER	7/5/2012	14:25	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	14:25	WM	14.73	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82491 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:05
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	7/5/2012	10:05	WM	0.0	D	% LEL	0
METER	7/5/2012	10:05	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:05	WM	21.53	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82493 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:48
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	7/5/2012	10:48	WM	0.0	D	% LEL	0
METER	7/5/2012	10:48	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:48	WM	23.12	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82495 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 14:05
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	7/5/2012	14:05	WM	0.0	D	% LEL	0
METER	7/5/2012	14:05	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	14:05	WM	20.02	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82497 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 10:16
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	7/5/2012	10:16	WM	0.0	D	% LEL	0
METER	7/5/2012	10:16	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	10:16	WM	24.53	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

Resource Recovery
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Hays Road
Shady Hills, Fl
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82501 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:30
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	7/5/2012	11:30	WM	0.0	D	% LEL	0
METER	7/5/2012	11:30	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:30	WM	32.82	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 7/9/2012

SAMPLE NUMBER AB82502 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:35
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	7/5/2012	11:35	WM	0.0	D	% LEL	0
METER	7/5/2012	11:35	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:35	WM	23.60	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

Resource Recovery
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Shady Hills, FL
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82504 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 13:20
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	7/5/2012	13:20	WM	0.0	D	% LEL	0
METER	7/5/2012	13:20	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	13:20	WM	23.03	D	Feet	0

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

Resource Recovery
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Shady Hills, FL
John Power

Date: 7/9/2012

SAMPLE NUMBER AB82505 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 7/5/2012
DATE RECEIVED 7/5/2012 SAMPLER WMM
TIME RECEIVED 15:30 DELIVERED BY WMM

SAMPLE MATRIX GAS
TIME SAMPLED 11:50
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	7/5/2012	11:50	WM	0.0	D	% LEL	0
METER	7/5/2012	11:50	WM	0.0	D	% VOL	0
DEP-SOP	7/5/2012	11:50	WM	20.03	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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