



# PASCO COUNTY, FLORIDA

26255  
NIS

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

June 21, 2007

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

Dept. of Environmental  
Protection

JUN 25 2007

RE: Hays Road Class I Landfill  
Quarter II, 2007  
Gas Monitoring

Southwest District

Dear Mr. Morris:

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

This completes the Quarter II, 2007 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86421 SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:00  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:00	WM		1.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	14:00	WM		0.1		% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86422 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:55 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:25  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:25	WM		1.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:25	WM		0.1		% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86423    SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007    SAMPLER WMM  
TIME RECEIVED 16:55    DELIVERED BY WMM

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:20	WM		1.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:20	WM		0.1		% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86424 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:55 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:26  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:26	WM	0.0		% LEL	0	
Percent Volume Methane	METER	6/20/2007	14:26	WM	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86425 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:55 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:05  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:05	WM	0.0		% LEL	0	
Percent Volume Methane	METER	6/20/2007	14:05	WM	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86426 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:55 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:50  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:50	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	14:50	WM		0.0		% VOL	0

**ANALYSIS COMMENTS:**

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86401 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 9:00  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	9:00	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	9:00	WM		0.0		% VOL	0
Static Water Level		6/20/2007	9:00	WM		DRY		Feet	

### ANALYSIS COMMENTS:

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86402 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	9:10	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	9:10	WM		0.0		% VOL	0
Static Water Level		6/20/2007	9:10	WM		22.85		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86403 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:00  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:00	WM	0.0		% LEL	0	
Percent Volume Methane	METER	6/20/2007	13:00	WM	0.0		% VOL	0	
Static Water Level		6/20/2007	13:00	WM	28.84		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86404 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:10  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:10	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:10	WM		0.0		% VOL	0
Static Water Level		6/20/2007	13:10	WM		29.12		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86405 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:35  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:35	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:35	WM		0.0		% VOL	0
Static Water Level		6/20/2007	13:35	WM		DRY		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86406 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:51 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:48  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:48	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:48	WM		0.0		% VOL	0
Static Water Level		6/20/2007	13:48	WM		30.79		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86407 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:52 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:40  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:40	WM		1.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:40	WM		0.1		% VOL	0
Static Water Level		6/20/2007	15:40	WM		DRY		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR 

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86408    SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007    SAMPLER WMM  
TIME RECEIVED 16:52    DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:45  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:45	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:45	WM		0.0		% VOL	0
Static Water Level		6/20/2007	15:45	WM		28.20		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86409 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:52 DELIVERED BY WMM

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	10:10	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	10:10	WM		0.0		% VOL	0
Static Water Level		6/20/2007	10:10	WM		31.84		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

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GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86410 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:52 DELIVERED BY WMM

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	10:00	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	10:00	WM		0.0		% VOL	0
Static Water Level		6/20/2007	10:00	WM		DRY		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86411 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:52 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:55  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/20/2007	14:55	WM	0.0	% LEL	0
Percent Volume Methane	METER	6/20/2007	14:55	WM	0.0	% VOL	0
Static Water Level		6/20/2007	14:55	WM	41.51	Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86412 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:52 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:00  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:00	WM		1.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:00	WM		0.1		% VOL	0
Static Water Level		6/20/2007	15:00	WM		31.90		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86413 SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:53 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:10  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:10	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:10	WM		0.0		% VOL	0
Static Water Level		6/20/2007	15:10	WM		20.98		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86414 SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:53 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:15  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:15	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:15	WM		0.0		% VOL	0
Static Water Level		6/20/2007	15:15	WM		31.24		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86415 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:53 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:25  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:25	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	15:25	WM		0.0		% VOL	0
Static Water Level		6/20/2007	15:25	WM		28.36		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE  
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PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86416 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	9:25	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	9:25	WM		0.0		% VOL	0
Static Water Level		6/20/2007	9:25	WM		28.16		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86417 SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 13:55  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	13:55	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	13:55	WM		0.0		% VOL	0
Static Water Level		6/20/2007	13:55	WM		33.44		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86418 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:41  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:41	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	14:41	WM		0.0		% VOL	0
Static Water Level		6/20/2007	14:41	WM		32.84		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86419 SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 14:12  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	14:12	WM		0.0		% LEL	0
Percent Volume Methane	METER	6/20/2007	14:12	WM		0.0		% VOL	0
Static Water Level		6/20/2007	14:12	WM		31.63		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/21/2007

SAMPLE NUMBER AA86420 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 6/20/2007  
DATE RECEIVED 6/20/2007 SAMPLER WMM  
TIME RECEIVED 16:54 DELIVERED BY WMM

SAMPLE MATRIX GAS  
TIME SAMPLED 15:30  
RECEIVED BY CSC  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/20/2007	15:30	WM	0.0		% LEL	0	
Percent Volume Methane	METER	6/20/2007	15:30	WM	0.0		% VOL	0	
Static Water Level		6/20/2007	15:30	WM	28.55		Feet		

### ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

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26255

4/30



# PASCO COUNTY, FLORIDA

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

April 19, 2007

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

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
APR 24 2007  
SOUTHWEST DISTRICT  
TAMPA

RE: Hays Road Class I Landfill  
Quarter I, 2007  
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. All the groundwater and gas monitoring wells monitored were at 0 % LEL.

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.

This completes the Quarter I, 2007 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager



# PASCO COUNTY, FLORIDA

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83133 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	10:10	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	10:10	WW		0.0		% VOL	0
Static Water Level		3/30/2007	10:10	WW		13.21		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
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GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83134 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	10:00	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	10:00	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	10:00	WW	13.43		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83135 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS				UNIT	DET. LIMIT
			TIME	BY	RESULT	QUAL.		
Percent Lower Explosive Limit	METER	3/30/2007	10:40	WW	0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	10:40	WW	0.0		% VOL	0
Static Water Level		3/30/2007	10:40	WW	DRY		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83136 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	10:30	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	10:30	WW		0.0		% VOL	0
Static Water Level		3/30/2007	10:30	WW		27.94		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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PHONE 727-847-8902

DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83137 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	11:20	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	11:20	WW		0.0		% VOL	0
Static Water Level		3/30/2007	11:20	WW		DRY		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83138 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 11:00  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	11:00	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	11:00	WW		0.0		% VOL	0
Static Water Level		3/30/2007	11:00	WW		29.45		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83139 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 14:40  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	14:40	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	14:40	WW		0.0		% VOL	0
Static Water Level		3/30/2007	14:40	WW		DRY		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83140 SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 14:30  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY	BY				
Percent Lower Explosive Limit	METER	3/30/2007	14:30	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	14:30	WW		0.0		% VOL	0
Static Water Level		3/30/2007	14:30	WW		26.96		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123  
CONTACTS:  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83141 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 14:50  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY	BY				
Percent Lower Explosive Limit	METER	3/30/2007	14:50	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	14:50	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	14:50	WW	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83142 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 14:20  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	14:20	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	14:20	WW		0.0		% VOL	0
Static Water Level		3/30/2007	14:20	WW		31.53		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83143 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 13:00  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:00	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	13:00	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	13:00	WW	40.51		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83144 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 13:10  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:10	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	13:10	WW		0.0		% VOL	0
Static Water Level		3/30/2007	13:10	WW		30.85		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**





# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83146 SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 13:30  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:30	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	13:30	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	13:30	WW	DRY		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83145    SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007    SAMPLER WW  
TIME RECEIVED 16:00    DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:20	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	13:20	WW		0.0		% VOL	0
Static Water Level		3/30/2007	13:20	WW		30.57		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83147 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 13:40  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:40	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	13:40	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	13:40	WW	27.68		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE  
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PHONE 727-847-8902

DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83148 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 13:50  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	13:50	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	13:50	WW		0.0		% VOL	0
Static Water Level		3/30/2007	13:50	WW		20.62		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83149 SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:10	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:10	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	12:10	WW	32.72		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83150 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:00	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:00	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	12:00	WW	31.56		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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

DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83151 SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:05  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY	BY				
Percent Lower Explosive Limit	METER	3/30/2007	12:05	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:05	WW	0.0		% VOL	0	
Static Water Level		3/30/2007	12:05	WW	39.37		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83152 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:06  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:06	WW		0.0		% LEL	0
Percent Volume Methane	METER	3/30/2007	12:06	WW		0.0		% VOL	0
Static Water Level		3/30/2007	12:06	WW		27.62		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83153 SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 11:40  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	11:40	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	11:40	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

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# PASCO COUNTY, FLORIDA

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

DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83154 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:20  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:20	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:20	WW	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83155 SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:30  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:30	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:30	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83156 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:50  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	12:50	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	12:50	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83157 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 12:55  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	3/30/2007	12:55	WW	0.0	% LEL	0
Percent Volume Methane	METER	3/30/2007	12:55	WW	0.0	% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 4/11/2007

SAMPLE NUMBER AA83158 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 3/30/2007  
DATE RECEIVED 3/30/2007 SAMPLER WW  
TIME RECEIVED 16:00 DELIVERED BY ww

SAMPLE MATRIX GAS  
TIME SAMPLED 14:00  
RECEIVED BY cc  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/30/2007	14:00	WW	0.0		% LEL	0	
Percent Volume Methane	METER	3/30/2007	14:00	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**

26255  
JLS



# PASCO COUNTY, FLORIDA

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

January 5, 2007

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

Dept. of Environmental  
Protection

JAN 10 2007

Southwest District

RE: Hays Road Class I Landfill  
Quarter IV, 2006  
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. All the groundwater and gas monitoring wells monitored were at 0 % LEL.

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.

This completes the Quarter IV, 2006 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78636 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 11:45  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	11:45	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	11:45	WW		0.0		% VOL	0
Static Water Level		12/29/2006	11:45	WW		17.10		Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78637 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	12:00	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	12:00	WW	0.0		% VOL	0	
Static Water Level		12/29/2006	12:00	WW	17.28		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

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8864 GOVERNMENT DRIVE  
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PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78638 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	10:00	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	10:00	WW	0.0	% VOL	0
Static Water Level		12/29/2006	10:00	WW	26.00	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78639 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	10:10	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	10:10	WW		0.0		% VOL	0
Static Water Level		12/29/2006	10:10	WW		26.30		Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

**ENVIRONMENTAL LABORATORY**  
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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78640 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	11:30	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	11:30	WW	0.0	% VOL	0
Static Water Level		12/29/2006	11:30	WW	DRY	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78641 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	11:25	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	11:25	WW	0.0		% VOL	0	
Static Water Level		12/29/2006	11:25	WW	27.68		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78642 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 11:00  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	11:00	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	11:00	WW	0.0	% VOL	0
Static Water Level		12/29/2006	11:00	WW	DRY	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78643 SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 12:30  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	12:30	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	12:30	WW	0.0	% VOL	0
Static Water Level		12/29/2006	12:30	WW	25.56	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78644 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	10:20	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	10:20	WW		0.0		% VOL	0
Static Water Level		12/29/2006	10:20	WW		DRY		Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78645 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	10:30	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	10:30	WW	0.0	% VOL	0
Static Water Level		12/29/2006	10:30	WW	28.76	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78646 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 13:00  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	13:00	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	13:00	WW	0.0	% VOL	0
Static Water Level		12/29/2006	13:00	WW	36.82	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78647 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	13:20	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	13:20	WW	0.0	% VOL	0
Static Water Level		12/29/2006	13:20	WW	29.74	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78648 SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	13:05	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	13:05	WW		0.0		% VOL	0
Static Water Level		12/29/2006	13:05	WW		29.64		Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78649 SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	11:20	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	11:20	WW	0.0	% VOL	0
Static Water Level		12/29/2006	11:20	WW	DRY	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78650 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	11:25	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	11:25	WW	0.0	% VOL	0
Static Water Level		12/29/2006	11:25	WW	25.39	Feet	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78651 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 12:40  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	12/29/2006	12:40	WW	0.0	% LEL	0
Percent Volume Methane	METER	12/29/2006	12:40	WW	0.0	% VOL	0
Static Water Level		12/29/2006	12:40	WW	25.23	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78652 SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 13:40  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	13:40	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	13:40	WW		0.0		% VOL	0
Static Water Level		12/29/2006	13:40	WW		30.41		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78653 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 13:50  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	13:50	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	13:50	WW	0.0		% VOL	0	
Static Water Level		12/29/2006	13:50	WW	29.72		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78654 SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:00  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:00	WW		0.0		% LEL	0
Percent Volume Methane	METER	12/29/2006	14:00	WW		0.0		% VOL	0
Static Water Level		12/29/2006	14:00	WW		28.63		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78655 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:20  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:20	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:20	WW	0.0		% VOL	0	
Static Water Level		12/29/2006	14:20	WW	28.48		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78656 SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:30  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:30	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:30	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78657 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:35  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:35	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:35	WW	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78658 SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:40  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:40	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:40	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78659 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:45  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:45	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:45	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78660 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:15	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:15	WW	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calulations are on wet weight basis

LABORATORY DIRECTOR

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 1/3/2007

SAMPLE NUMBER AA78661 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 12/29/2006  
DATE RECEIVED 12/29/2006 SAMPLER WW  
TIME RECEIVED 15:45 DELIVERED BY WW

SAMPLE MATRIX GAS  
TIME SAMPLED 14:50  
RECEIVED BY CF  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	12/29/2006	14:50	WW	0.0		% LEL	0	
Percent Volume Methane	METER	12/29/2006	14:50	WW	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

26255  
x15

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

October 24, 2006

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

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

OCT 27 2006

SOUTHWEST DISTRICT  
TAMPA

RE: Hays Road Class I Landfill  
Quarter III, 2006  
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. All the groundwater and gas monitoring wells monitored were at 0 % LEL.

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.

This completes the Quarter III, 2006 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager



# PASCO COUNTY, FLORIDA

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## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74177 SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:16  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:16	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:16	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74178 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:40  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	11:40	CSC		0.0		% LEL	0
Percent Volume Methane	METER	9/18/2006	11:40	CSC		0.0		% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74179 SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:35  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	11:35	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	11:35	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74180 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:24	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:24	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74181 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:34  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:34	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:34	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74182 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	11:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	11:30	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654  
PHONE 727-847-8902**

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74157 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 14:04  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	14:04	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	14:04	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	14:04	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74158 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 14:00  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	14:00	CSC		0.0		% LEL	0
Percent Volume Methane	METER	9/18/2006	14:00	CSC		0.0		% VOL	0
Static Water Level		9/18/2006	14:00	CSC		20.45		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74159 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:28  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:28	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	13:28	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	13:28	CSC	25.40		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74160 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:25  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:25	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	13:25	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	13:25	CSC	25.33		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74161 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:06  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:06	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:06	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:06	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74162 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:00	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:00	CSC	37.37		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74163 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:48  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	9/18/2006	13:48	CSC	0.0	% LEL	0
Percent Volume Methane	METER	9/18/2006	13:48	CSC	0.0	% VOL	0
Static Water Level		9/18/2006	13:48	CSC	DRY	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74164 SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:44	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	13:44	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	13:44	CSC	24.80		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**





# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74165 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:18  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:18	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	13:18	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	13:18	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74166 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:15	CSC		0.0		% LEL	0
Percent Volume Methane	METER	9/18/2006	13:15	CSC		0.0		% VOL	0
Static Water Level		9/18/2006	13:15	CSC		28.21		Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74167 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:40  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:40	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:40	CSC	38.10		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**NEW PORT RICHEY, FL 34654**  
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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74168 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:44  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:44	CSC		0.0		% LEL	0
Percent Volume Methane	METER	9/18/2006	12:44	CSC		0.0		% VOL	0
Static Water Level		9/18/2006	12:44	CSC		28.74		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74169 SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:47  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:47	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:47	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:47	CSC	28.27		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74170 SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:51  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:51	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:51	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:51	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74171 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:49  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:49	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:49	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:49	CSC	25.36		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74172 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:00  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	13:00	CSC		0.0		% LEL	0
Percent Volume Methane	METER	9/18/2006	13:00	CSC		0.0		% VOL	0
Static Water Level		9/18/2006	13:00	CSC		24.98		Feet	

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74173    SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006    SAMPLER CSC  
TIME RECEIVED 15:50    DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:11	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:11	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:11	CSC	30.10		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74174 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:20  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:20	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:20	CSC	29.54		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74175 SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:30  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:30	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:30	CSC	28.33		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**NEW PORT RICHEY, FL 34654**  
**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 10/3/2006

SAMPLE NUMBER AA74176 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 9/18/2006  
DATE RECEIVED 9/18/2006 SAMPLER CSC  
TIME RECEIVED 15:50 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:55  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	9/18/2006	12:55	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	9/18/2006	12:55	CSC	0.0		% VOL	0	
Static Water Level		9/18/2006	12:55	CSC	25.33		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

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# PASCO COUNTY, FLORIDA

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

UTILITIES SERVICES BRANCH  
PUB. WKS./UTILITIES BLDG. S-213  
7530 LITTLE ROAD  
NEW PORT RICHEY, FL 34654

June 20, 2006

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

Dept. of Environmental  
Protection

JUN 22 2006

RE: Hays Road Class I Landfill  
Quarter II, 2006  
Gas Monitoring

Southwest District

Dear Mr. Morris:

Enclosed please find the results of gas monitoring conducted at the Hays Road Class I Landfill as required in the permit for this facility. All the groundwater and gas monitoring wells monitored were at 0 % LEL.

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.

This completes the Quarter II, 2006 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager

~~XXXXXXXXXX~~ 26255  
J6/24  
.X15



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69846 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:16  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			QUAL.	UNIT	DET. LIMIT
			TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	6/15/2006	9:16	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/15/2006	9:16	CSC	0.0		% VOL	0
Static Water Level		6/15/2006	9:16	CSC	DRY		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69847 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:00  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	13:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	13:00	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	13:00	CSC	19.26		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69848 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:44  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:44	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:44	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:44	CSC	24.63		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69849 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:46  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:46	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:46	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:46	CSC	24.87		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69850 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:28  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	11:28	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	11:28	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	11:28	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69851 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:22  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:22	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:22	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:22	CSC	26.53		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69852 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:28  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	12:28	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	12:28	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	12:28	CSC	DRY		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69853 SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:25  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	12:25	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	12:25	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	12:25	CSC	24.00		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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8864 GOVERNMENT DRIVE  
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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69854 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:29  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:29	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:29	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:29	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calulations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69855 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:31  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:31	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:31	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:31	CSC	27.58		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69856 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:48	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:48	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:48	CSC	37.04		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69857 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:44  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:44	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:44	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:44	CSC	27.92		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69858    SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006    SAMPLER CSC  
TIME RECEIVED 16:11    DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:40	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:40	CSC	27.34		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69859 SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:38  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:38	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:38	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:38	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69860 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:35  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:35	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:35	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:35	CSC	24.42		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69861 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:24  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:24	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:24	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:24	CSC	24.61		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69862    SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006    SAMPLER CSC  
TIME RECEIVED 16:11    DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:53  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:53	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:53	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:53	CSC	29.25		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69863 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:56  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:56	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:56	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:56	CSC	28.68		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69864 SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:05	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:05	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	10:05	CSC	27.47		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69865 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:30  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:30	CSC	0.0		% VOL	0	
Static Water Level		6/15/2006	9:30	CSC	24.53		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69866 SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:58  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	9:58	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	9:58	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69867 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:19  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:19	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:19	CSC	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calulations are on wet weight basis

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69868 SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:16  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:16	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:16	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69869 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:01  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:01	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:01	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**



# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69870 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:08  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:08	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:08	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

**THIS DOCUMENT MEETS NELAC STANDARDS**

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PHONE 727-847-8902

DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO

## REPORT OF ANALYSES

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

Date: 6/20/2006

SAMPLE NUMBER AA69871 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 6/15/2006  
DATE RECEIVED 6/15/2006 SAMPLER CSC  
TIME RECEIVED 16:11 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	6/15/2006	10:12	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	6/15/2006	10:12	CSC	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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26255  
3/21  
llc



# PASCO COUNTY, FLORIDA

DADE CITY (352) 511-4274  
LAND O' LAKES (813) 996-7341  
NEW PORT RICHEY (727) 847-8145

March 15, 2006

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 I, 2006  
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. All the groundwater and gas monitoring wells monitored were at 0 % LEL.

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.

This completes the Quarter I, 2006 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern  
Laboratory Manager

cc: Bruce E. Kennedy, P.E., Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
John Power, Solid Waste Facility Manager

RE: 26255  
Subject: Report of gas monitoring at site received.  
Remarks: There are no gas requirements in Permit.

DEP  
MAR 20 2006  
NCH  
G. S-213  
DISTRICT  
4654





# PASCO COUNTY, FLORIDA

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**8864 GOVERNMENT DRIVE**  
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**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65407 SAMPLE ID 2MW1 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:44  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	9:44	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	9:44	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	9:44	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR 

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# PASCO COUNTY, FLORIDA

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**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65408 SAMPLE ID 4MW1 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:41  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	9:41	CSC		0.0		% LEL	0
Percent Volume Methane	METER	3/13/2006	9:41	CSC		0.0		% VOL	0
Static Water Level		3/13/2006	9:41	CSC		16.96		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65409 SAMPLE ID 2MW2 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:17  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:17	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:17	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:17	CSC	21.97		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65410 SAMPLE ID 4MW2 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:21  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:21	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:21	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:21	CSC	22.22		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65411 SAMPLE ID 2MW4 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:27  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:27	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:27	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:27	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65412 SAMPLE ID 4MW4 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:32  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:32	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:32	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:32	CSC	24.16		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65413 SAMPLE ID 2MW5 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:35  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	13:35	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	13:35	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	13:35	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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# PASCO COUNTY, FLORIDA

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**PHONE 727-847-8902**

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65414 SAMPLE ID 4MW5 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 13:38  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	13:38	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	13:38	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	13:38	CSC	21.51		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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

**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65415 SAMPLE ID 2MW6 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:39  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:39	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:39	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:39	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65416 SAMPLE ID 4MW6 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:42  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:42	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:42	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:42	CSC	24.95		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65417 SAMPLE ID 4MW11D @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:58  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	9:58	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	9:58	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	9:58	CSC	35.10		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

**LABORATORY DIRECTOR**

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**CONTACTS:**  
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**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65418 SAMPLE ID 4MW12D @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 10:46  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	10:46	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	10:46	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	10:46	CSC	25.55		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

LABORATORY DIRECTOR

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# PASCO COUNTY, FLORIDA

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65419 SAMPLE ID 4MW13D @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:05  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:05	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:05	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	11:05	CSC	25.00		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65420    SAMPLE ID 2MW13 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006    SAMPLER CSC  
TIME RECEIVED 15:40    DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:13	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:13	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	11:13	CSC	DRY		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65421 SAMPLE ID 4MW14D @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:08  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:08	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	12:08	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	12:08	CSC	21.90		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
CONTACTS:  
GLORIA KRUEGER  
BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65422 SAMPLE ID 2MW15 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 9:53  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	9:53	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	9:53	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	9:53	CSC	22.57		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

**THIS DOCUMENT MEETS NELAC STANDARDS**

**NELAC Certification # E44123**





# PASCO COUNTY, FLORIDA

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

**DHRS E44123**  
**CONTACTS:**  
**GLORIA KRUEGER**  
**BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65423 SAMPLE ID 2MW17S @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 12:01  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	12:01	CSC		0.0		% LEL	0
Percent Volume Methane	METER	3/13/2006	12:01	CSC		0.0		% VOL	0
Static Water Level		3/13/2006	12:01	CSC		27.08		Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

LABORATORY DIRECTOR

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**DHRS E44123  
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BILL WARGO**

## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65424 SAMPLE ID 2MW18D @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:29  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			UNIT	DET. LIMIT
			TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	3/13/2006	11:29	CSC	0.0	% LEL	0
Percent Volume Methane	METER	3/13/2006	11:29	CSC	0.0	% VOL	0
Static Water Level		3/13/2006	11:29	CSC	26.24	Feet	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65425    SAMPLE ID 2MW19 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006    SAMPLER CSC  
TIME RECEIVED 15:40    DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:19  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:19	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:19	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	11:19	CSC	24.98		Feet		

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65426 SAMPLE ID 2MW20 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:53  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:53	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:53	CSC	0.0		% VOL	0	
Static Water Level		3/13/2006	11:53	CSC	22.48		Feet		

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65427    SAMPLE ID GMP1 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006    SAMPLER CSC  
TIME RECEIVED 15:40    DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:32	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:32	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65428 SAMPLE ID GMP2 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:35  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:35	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:35	CSC	0.0		% VOL	0	

### ANALYSIS COMMENTS:

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65429 SAMPLE ID GMP3 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:38  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:38	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:38	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65430 SAMPLE ID GMP4 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:23  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:23	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:23	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65431 SAMPLE ID GMP5 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:16  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:16	CSC		0.0		% LEL	0
Percent Volume Methane	METER	3/13/2006	11:16	CSC		0.0		% VOL	0

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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## REPORT OF ANALYSES

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

Date: 3/14/2006

SAMPLE NUMBER AA65432 SAMPLE ID GMP6 @ RESREC  
DATE SAMPLED 3/13/2006  
DATE RECEIVED 3/13/2006 SAMPLER CSC  
TIME RECEIVED 15:40 DELIVERED BY CSC

SAMPLE MATRIX GAS  
TIME SAMPLED 11:45  
RECEIVED BY GK  
SAMPLE TYPE  
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	3/13/2006	11:45	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	3/13/2006	11:45	CSC	0.0		% VOL	0	

**ANALYSIS COMMENTS:**

All calculations are on wet weight basis

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