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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

August 06, 2003

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619



RE: Hays Road Class I Landfill
Quarter III, 2003
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 Neutronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2003. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter III, 2003 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Candia E. Mulhern".

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21311 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	11:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	11:40	CSC	0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21312 SAMPLE ID GMP2 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	11:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	11:30	CSC	0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21313 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/4/03	11:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/4/03	11:20	CSC	0.0		% VOL	0	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21314 SAMPLE ID GMP4 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	12:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	12:40	CSC	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: 8/5/03

SAMPLE NUMBER AA21315 SAMPLE ID GMP5 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/4/03	12:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/4/03	12:30	CSC	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: 8/5/03

SAMPLE NUMBER AA21316 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 11:15
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	11:15	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	11:15	CSC	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: 8/5/03

SAMPLE NUMBER AA21291 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	14:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	14:40	CSC	0.0		% VOL	0
Static Water Level		8/4/03	14:40	CSC	DRY		Feet	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21292 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	14:45	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	14:45	CSC	0.0		% VOL	0
Static Water Level		8/4/03	14:45	CSC	12.67		Feet	

ANALYSIS COMMENTS:

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21293 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	10:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	10:00	CSC	0.0		% VOL	0
Static Water Level		8/4/03	10:00	CSC	18.15		Feet	

ANALYSIS COMMENTS:

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21294 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	10:05	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	10:05	CSC	0.0		% VOL	0
Static Water Level		8/4/03	10:05	CSC	18.11		Feet	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21295 SAMPLE ID 2MW4 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	12:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	12:20	CSC	0.0		% VOL	0
Static Water Level		8/4/03	12:20	CSC	DRY		Feet	

ANALYSIS COMMENTS:

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21296 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	12:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	12:10	CSC	0.0		% VOL	0
Static Water Level		8/4/03	12:10	CSC	18.33		Feet	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21297 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	13:55	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	13:55	CSC	0.0		% VOL	0
Static Water Level		8/4/03	13:55	CSC	DRY		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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PHONE 727-847-8902

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER	AA21298	SAMPLE ID	4MW5 @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	8/4/03			TIME SAMPLED	14:00
DATE RECEIVED	8/4/03	SAMPLER	CSC	RECEIVED BY	GK
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	14:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	14:00	CSC	0.0		% VOL	0
Static Water Level		8/4/03	14:00	CSC	15.83		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21299 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	11:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	11:00	CSC	0.0		% VOL	0
Static Water Level		8/4/03	11:00	CSC	DRY		Feet	

ANALYSIS COMMENTS:

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER	AA21300	SAMPLE ID	4MW6 @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	8/4/03			TIME SAMPLED	11:05
DATE RECEIVED	8/4/03	SAMPLER	CSC	RECEIVED BY	GK
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	11:05	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	11:05	CSC	0.0		% VOL	0
Static Water Level		8/4/03	11:05	CSC	19.88		Feet	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21301 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 8:50
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	8:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	8:50	CSC	0.0		% VOL	0
Static Water Level		8/4/03	8:50	CSC	29.61		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21302 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 8:55
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	8:55	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	8:55	CSC	0.0		% VOL	0
Static Water Level		8/4/03	8:55	CSC	20.33		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21304 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:05
RECEIVED BY GK
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	9:05	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	9:05	CSC	0.0		% VOL	0
Static Water Level		8/4/03	9:05	CSC	DRY		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER	AA21303	SAMPLE ID	4MW13D @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	8/4/03			TIME SAMPLED	9:00
DATE RECEIVED	8/4/03	SAMPLER	CSC	RECEIVED BY	GK
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	9:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	9:00	CSC	0.0		% VOL	0
Static Water Level		8/4/03	9:00	CSC	19.80		Feet	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21305
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03
TIME RECEIVED 16:10

SAMPLE ID 4MW14D @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/4/03	9:10	CSC		0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	9:10	CSC		0.0		% VOL	0
Static Water Level		8/4/03	9:10	CSC		17.03		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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DHRS E44123
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REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21306 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	10:15	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	10:15	CSC	0.0		% VOL	0
Static Water Level		8/4/03	10:15	CSC	18.01		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21307 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	12:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	12:50	CSC	0.0		% VOL	0
Static Water Level		8/4/03	12:50	CSC	20.94		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER	AA21308	SAMPLE ID	2MW18D @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	8/4/03			TIME SAMPLED	12:55
DATE RECEIVED	8/4/03	SAMPLER	CSC	RECEIVED BY	GK
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/4/03	12:55	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	12:55	CSC	0.0		% VOL	0
Static Water Level		8/4/03	12:55	CSC	20.43		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21309 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/4/03	10:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/4/03	10:00	CSC	0.0		% VOL	0	
Static Water Level		8/4/03	10:00	CSC	19.34		Feet		

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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NEW PORT RICHEY, FL 34654
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/5/03

SAMPLE NUMBER AA21310 SAMPLE ID 2MW20 @ RESREC
DATE SAMPLED 8/4/03
DATE RECEIVED 8/4/03 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	8/4/03	10:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/4/03	10:10	CSC	0.0		% VOL	0
Static Water Level		8/4/03	10:10	CSC	17.53		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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 24, 2003

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter II, 2003
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 Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2003. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter II, 2003 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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
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PHONE 727-847-8902

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REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER	AA18820	SAMPLE ID	2MW1 @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	6/18/03			TIME SAMPLED	9:20
DATE RECEIVED	6/18/03	SAMPLER	CSC	RECEIVED BY	IF
TIME RECEIVED	15:30	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	9:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	9:20	CSC	0.0		% VOL	0
Static Water Level		6/18/03	9:20	CSC	16.20		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18821 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	9:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	9:10	CSC	0.0		% VOL	0
Static Water Level		6/18/03	9:10	CSC	16.67		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18822 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT QUAL. UNIT	
Percent Lower Explosive Limit	METER	6/18/03	10:40	CSC	0.0	% LEL 0
Percent Volume Methane	METER	6/18/03	10:40	CSC	0.0	% VOL 0
Static Water Level		6/18/03	10:40	CSC	21.63	Feet

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18823 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 10:50
RECEIVED BY IF
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	10:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	10:50	CSC	0.0		% VOL	0
Static Water Level		6/18/03	10:50	CSC	21.82		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER	AA18824	SAMPLE ID	2MW4 @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	6/18/03			TIME SAMPLED	12:10
DATE RECEIVED	6/18/03	SAMPLER	CSC	RECEIVED BY	IF
TIME RECEIVED	15:30	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Static Water Level

	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Percent Lower Explosive Limit	METER	6/18/03	12:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	12:10	CSC	0.0		% VOL	0
Static Water Level		6/18/03	12:10	CSC	DRY		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18825
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID 4MW4 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	6/18/03	12:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	12:20	CSC	0.0		% VOL	0
Static Water Level		6/18/03	12:20	CSC	23.38		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03



SAMPLE NUMBER AA18826 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	6/18/03	14:20	CSC		0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	14:20	CSC		0.0		% VOL	0
Static Water Level		6/18/03	14:20	CSC		DRY		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18827 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	14:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	14:30	CSC	0.0		% VOL	0
Static Water Level		6/18/03	14:30	CSC	20.86		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18828
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID 2MW6 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT QUAL. UNIT	
Percent Lower Explosive Limit	METER	6/18/03	11:00	CSC	0.0	% LEL 0
Percent Volume Methane	METER	6/18/03	11:00	CSC	0.0	% VOL 0
Static Water Level		6/18/03	11:00	CSC	DRY	Feet

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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PHONE 727-847-8902

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18829 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/18/03	11:00	CSC	0.0	% LEL	0
Percent Volume Methane	METER	6/18/03	11:00	CSC	0.0	% VOL	0
Static Water Level		6/18/03	11:00	CSC	23.19	Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18830 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 11:10
RECEIVED BY IF
SAMPLE TYPE
Pumped

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	6/18/03	11:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	11:10	CSC	0.0		% VOL	0
Static Water Level		6/18/03	11:10	CSC	33.90		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18831
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID 4MW12D @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Static Water Level

		ANALYSIS							DET.
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT		
METER	6/18/03	11:20	CSC	0.0		% LEL	0		
METER	6/18/03	11:20	CSC	0.0		% VOL	0		
	6/18/03	11:20	CSC	24.83		Feet			

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18832 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/18/03	11:40	CSC	0.0	% LEL	0
Percent Volume Methane	METER	6/18/03	11:40	CSC	0.0	% VOL	0
Static Water Level		6/18/03	11:40	CSC	24.33	Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER	AA18833	SAMPLE ID	2MW13 @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	6/18/03			TIME SAMPLED	11:30
DATE RECEIVED	6/18/03	SAMPLER	CSC	RECEIVED BY	IF
TIME RECEIVED	15:30	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS

Percent Lower Explosive Limit
Percent Volume Methane
Static Water Level

	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
	METER	6/18/03	11:30	CSC	0.0		% LEL	0
	METER	6/18/03	11:30	CSC	0.0		% VOL	0
		6/18/03	11:30	CSC	DRY		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER	AA18834	SAMPLE ID	4MW14D @ RESREC	SAMPLE MATRIX	GAS
DATE SAMPLED	6/18/03			TIME SAMPLED	11:50
DATE RECEIVED	6/18/03	SAMPLER	CSC	RECEIVED BY	IF
TIME RECEIVED	15:30	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	11:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	11:50	CSC	0.0		% VOL	0
Static Water Level		6/18/03	11:50	CSC	21.46		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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PHONE 727-847-8902

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REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18835 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT QUAL. UNIT	
Percent Lower Explosive Limit	METER	6/18/03	10:20	CSC	0.0	% LEL 0
Percent Volume Methane	METER	6/18/03	10:20	CSC	0.0	% VOL 0
Static Water Level		6/18/03	10:20	CSC	21.98	Feet

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18836 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	12:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	12:30	CSC	0.0		% VOL	0
Static Water Level		6/18/03	12:30	CSC	26.16		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18837
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID 2MW18D @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/18/03	13:30	CSC	0.0	% LEL	0
Percent Volume Methane	METER	6/18/03	13:30	CSC	0.0	% VOL	0
Static Water Level		6/18/03	13:30	CSC	25.50	Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18838
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID 2MW19 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	12:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	12:00	CSC	0.0		% VOL	0
Static Water Level		6/18/03	12:00	CSC	24.24		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18839 SAMPLE ID 2MW20 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	10:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	10:10	CSC	0.0		% VOL	0
Static Water Level		6/18/03	10:10	CSC	21.66		Feet	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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8864 GOVERNMENT DRIVE
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PHONE 727-847-8902

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18840 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	6/18/03	13:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	13:00	CSC	0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18841
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID GMP2 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	6/18/03	13:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	13:10	CSC	0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18842
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID GMP3 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					RESULT	QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY					
Percent Lower Explosive Limit	METER	6/18/03	13:20	CSC		0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	13:20	CSC		0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18843
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID GMP4 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/18/03	13:40	CSC	0.0	% LEL	0
Percent Volume Methane	METER	6/18/03	13:40	CSC	0.0	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18845 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03 SAMPLER CSC
TIME RECEIVED 15:30 DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					QUAL.	UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	6/18/03	13:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	6/18/03	13:50	CSC	0.0		% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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PHONE 727-847-8902

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/20/03

SAMPLE NUMBER AA18844
DATE SAMPLED 6/18/03
DATE RECEIVED 6/18/03
TIME RECEIVED 15:30

SAMPLE ID GMP5 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS					UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT		
Percent Lower Explosive Limit	METER	6/18/03	14:00	CSC	0.0	% LEL	0
Percent Volume Methane	METER	6/18/03	14:00	CSC	0.0	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

26255
dr 6-9-03



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 25, 2003

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill *West Pasco cl 1*
Quarter I, 2003
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 Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2003. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

I apologize for the delay in sampling and submittal of these reports to the Department. The gas monitor was sent for repair and recalibration and there was a delay in receiving the meter from the company. Additionally, upon receipt from the company the meter was not operating correctly and had to be sent back for additional repairs and recalibration. When the meter was returned to Pasco County in operating condition we immediately sampled the site for Quarter I, 2003 submittal to the Department.

This completes the Quarter I, 2003 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16532 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	13:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	13:30	CSC	0.0		% VOL	0
Static Water Level		4/21/03	13:30	CSC	14.82		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16533 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	13:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	13:40	CSC	0.0		% VOL	0
Static Water Level		4/21/03	13:40	CSC	15.15		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16534 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:20	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:20	CSC	20.12		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16535 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:30	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:30	CSC	20.34		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16536 SAMPLE ID 2MW4 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	12:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	12:40	CSC	0.0		% VOL	0
Static Water Level		4/21/03	12:40	CSC	DRY		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16537 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	12:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	12:30	CSC	0.0		% VOL	0
Static Water Level		4/21/03	12:30	CSC	21.47		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16538 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	12:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	12:50	CSC	0.0		% VOL	0
Static Water Level		4/21/03	12:50	CSC	DRY		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16539 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	13:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	13:00	CSC	0.0		% VOL	0
Static Water Level		4/21/03	13:00	CSC	18.93		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16540 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 10:50
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:50	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:50	CSC	DRY		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16541 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:40	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:40	CSC	22.67		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16542 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:20
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	9:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	9:20	CSC	0.0		% VOL	0
Static Water Level		4/21/03	9:20	CSC	32.30		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16543
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03
TIME RECEIVED 16:06

SAMPLE ID 4MW12D @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	9:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	9:30	CSC	0.0		% VOL	0
Static Water Level		4/21/03	9:30	CSC	23.10		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16544 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	4/21/03	9:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	4/21/03	9:40	CSC	0.0		% VOL	0	
Static Water Level		4/21/03	9:40	CSC	22.56		Feet		

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16545 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:50
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	9:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	9:50	CSC	0.0		% VOL	0
Static Water Level		4/21/03	9:50	CSC	DRY		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16546 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:00	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:00	CSC	19.78		Feet	

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PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16547 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	9:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	9:10	CSC	0.0		% VOL	0
Static Water Level		4/21/03	9:10	CSC	20.39		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16548 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	11:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	11:30	CSC	0.0		% VOL	0
Static Water Level		4/21/03	11:30	CSC	24.15		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16549 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	11:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	11:50	CSC	0.0		% VOL	0
Static Water Level		4/21/03	11:50	CSC	23.59		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16550 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	12:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	12:10	CSC	0.0		% VOL	0
Static Water Level		4/21/03	12:10	CSC	22.40		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16551 SAMPLE ID 2MW20 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	10:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	10:10	CSC	0.0		% VOL	0
Static Water Level		4/21/03	10:10	CSC	20.03		Feet	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16552
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03
TIME RECEIVED 16:06

SAMPLE ID GMP1 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	4/21/03	11:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	4/21/03	11:40	CSC	0.0		% VOL	0	

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PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16553 SAMPLE ID GMP2 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	11:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	11:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16554 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 11:10
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	11:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	11:10	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16555 SAMPLE ID GMP4 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	4/21/03	12:00	CSC		0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	12:00	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16556 SAMPLE ID GMP5 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	4/21/03	12:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	4/21/03	12:20	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 4/22/03

SAMPLE NUMBER AA16557 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 4/21/03
DATE RECEIVED 4/21/03 SAMPLER CSC
TIME RECEIVED 16:06 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	4/21/03	11:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	4/21/03	11:00	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



26255
dk 11-22-02

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

November 08, 2002

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

RE: Hays Road Class I Landfill
Quarter IV, 2002
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 Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in July, 2002. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter IV, 2002 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10047
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID GMP1 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	13:30	CSC		0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	13:30	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10048
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID GMP2 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	13:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	13:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10049 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	14:00	CSC	0.0			% LEL	0
Percent Volume Methane	METER	11/6/02	14:00	CSC	0.0			% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10050 SAMPLE ID GMP4 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	13:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	13:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10051 SAMPLE ID GMP5 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	12:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	12:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10052 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	12:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	12:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10027 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	10:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	10:30	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10028
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 4MW1 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	10:30	CSC		0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	10:30	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10029 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	12:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	12:00	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10030 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	12:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	12:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10031
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 2MW4 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY	RESULT			
Percent Lower Explosive Limit	METER	11/6/02	14:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	14:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10032 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	14:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	14:10	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10033
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 2MW5 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	15:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	15:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER	AA10034	SAMPLE ID	4MW5 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	11/6/02			TIME SAMPLED 15:50
DATE RECEIVED	11/6/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	15:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	15:50	CSC	0.0		% VOL	0	

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10035
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 2MW6 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	12:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	12:20	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10036 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	12:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	12:30	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10037 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	11:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	11:50	CSC	0.0		% VOL	0	

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10038
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 4MW12D @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	11:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	11:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER	AA10040	SAMPLE ID	2MW13 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	11/6/02			TIME SAMPLED 11:20
DATE RECEIVED	11/6/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	16:10	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	11:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	11:20	CSC	0.0		% VOL	0

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10039 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	11:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	11:30	CSC	0.0		% VOL	0	

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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: 11/7/02

SAMPLE NUMBER AA10041 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 11:10
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	11:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	11:10	CSC	0.0		% VOL	0	

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10042
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 2MW15 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 10:50
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	10:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	10:50	CSC	0.0		% VOL	0	

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10043
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02
TIME RECEIVED 16:10

SAMPLE ID 2MW17S @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS		RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	13:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	13:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10044 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	13:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	13:20	CSC	0.0		% VOL	0

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REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10045 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	11/6/02	13:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	11/6/02	13:00	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 11/7/02

SAMPLE NUMBER AA10046 SAMPLE ID 2MW20 @ RESREC
DATE SAMPLED 11/6/02
DATE RECEIVED 11/6/02 SAMPLER CSC
TIME RECEIVED 16:10 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	11/6/02	11:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	11/6/02	11:00	CSC	0.0		% VOL	0	

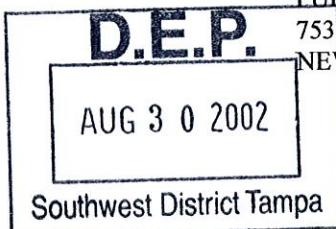
LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

9-13-02 *ja* **a**
GAS
UTILITIES SERVICES BRANCH
PLUB. WKS./UTILITIES BLDG. S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654



August 26, 2002

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

RE: Hays Road Class I Landfill
Quarter III, 2002
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 Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in August, 2002. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter III, 2002 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06935 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	11:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	11:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06936 SAMPLE ID GMP2 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	11:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	11:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06937 SAMPLE ID GMP3 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS		RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	11:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	11:50	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER	AA06938	SAMPLE ID	GMP4 @ RESREC
DATE SAMPLED	8/14/02		
DATE RECEIVED	8/14/02	SAMPLER	CSC
TIME RECEIVED	16:00	DELIVERED BY	CSC

SAMPLE MATRIX GAS
TIME SAMPLED 10:50
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	10:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	10:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER	AA06939	SAMPLE ID	GMP5 @ RESREC
DATE SAMPLED	8/14/02		
DATE RECEIVED	8/14/02	SAMPLER	CSC
TIME RECEIVED	16:00	DELIVERED BY	CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	10:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	10:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06940 SAMPLE ID GMP6 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	12:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	12:00	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER	AA06918	SAMPLE ID	2MW1 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	8/14/02			TIME SAMPLED 14:00
DATE RECEIVED	8/14/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	16:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	14:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	14:00	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06919 SAMPLE ID 4MW1 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	14:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	14:10	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06920 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	12:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	12:40	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06921 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	12:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	12:40	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06922 SAMPLE ID 2MW4 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	12:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	12:30	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06923 SAMPLE ID 4MW4 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	13:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	13:00	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06924 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	13:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	13:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06925 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	13:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	13:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06926 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	12:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	12:20	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06927 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	12:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	12:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06928 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:20
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	9:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	9:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06929 SAMPLE ID 4MW12D @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	9:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	9:30	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06931 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:50
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	9:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	9:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06930 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	9:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	9:40	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06932 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	10:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	10:00	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06933 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	11:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	11:30	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/26/02

SAMPLE NUMBER AA06934 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	11:00	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	11:00	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/27/02

SAMPLE NUMBER AA07019 SAMPLE ID 2MW15 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	8/14/02	9:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	8/14/02	9:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/27/02

SAMPLE NUMBER AA07020 SAMPLE ID 2MW19 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	10:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	10:30	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 8/27/02

SAMPLE NUMBER AA07021 SAMPLE ID 2MW20 @ RESREC
DATE SAMPLED 8/14/02
DATE RECEIVED 8/14/02 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	8/14/02	10:10	CSC	0.0		% LEL	0
Percent Volume Methane	METER	8/14/02	10:10	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



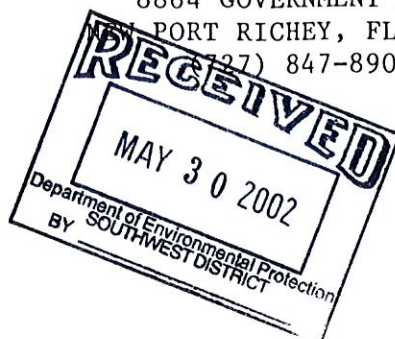
PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY

8864 GOVERNMENT DRIVE

PORT RICHEY, FL 34654

(813) 847-8902



May 28, 2002

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter II, 2002
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter II, 2002 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager

-4MW-1 was not included - Candia
faxed the results
-4MW-15D + 4MW-16D abandoned dates.
The company is mailing the info. to
Candia & she will contact DEP with
the dates.



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
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CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03644 SAMPLE ID 2MW1 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 8:50
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	8:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	8:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03645 SAMPLE ID 4MW2 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	10:20	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	10:20	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03646 SAMPLE ID 2MW2 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	10:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	10:30	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03647
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02
TIME RECEIVED 17:00

SAMPLE ID 4MW4 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	12:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	12:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER	AA03648	SAMPLE ID	2MW4 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	5/23/02			TIME SAMPLED 12:20
DATE RECEIVED	5/23/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	17:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	12:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	12:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03649 SAMPLE ID 4MW5 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	12:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	12:30	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03650 SAMPLE ID 2MW5 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	12:40	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	12:40	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03651 SAMPLE ID 4MW6 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	11:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	11:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03652 SAMPLE ID 2MW6 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	11:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	11:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03653 SAMPLE ID 4MW11D @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	9:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	9:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER	AA03654	SAMPLE ID	4MW12D @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	5/23/02			TIME SAMPLED 9:20
DATE RECEIVED	5/23/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	17:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	9:20	CSC		0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	9:20	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03655 SAMPLE ID 4MW13D @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	9:30	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	9:30	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03656 SAMPLE ID 2MW13 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	9:40	CSC		0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	9:40	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03657 SAMPLE ID 4MW14D @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 9:50
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	9:50	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	9:50	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03658 SAMPLE ID 2MW17S @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	13:10	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	13:10	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER	AA03659	SAMPLE ID	2MW18D @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	5/23/02			TIME SAMPLED 13:20
DATE RECEIVED	5/23/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	17:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	DATE	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
			TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	13:20	CSC		0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	13:20	CSC		0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03659 SAMPLE ID 2MW18D @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	13:20	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	13:20	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03660 SAMPLE ID GMP1 @ RESREC
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02 SAMPLER CSC
TIME RECEIVED 17:00 DELIVERED BY CSC

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

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	13:30	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	13:30	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER AA03661
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02
TIME RECEIVED 17:00

SAMPLE ID GMP2 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS							DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	
Percent Lower Explosive Limit	METER	5/23/02	13:40	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	13:40	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER	AA03662	SAMPLE ID	GMP3 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	5/23/02			TIME SAMPLED 13:50
DATE RECEIVED	5/23/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	17:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	13:50	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	13:50	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 5/28/02

SAMPLE NUMBER	AA03663	SAMPLE ID	GMP4 @ RESREC	SAMPLE MATRIX GAS
DATE SAMPLED	5/23/02			TIME SAMPLED 14:00
DATE RECEIVED	5/23/02	SAMPLER	CSC	RECEIVED BY CEM
TIME RECEIVED	17:00	DELIVERED BY	CSC	SAMPLE TYPE
				Pumped

ANALYSIS	METHOD	ANALYSIS			RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY				
Percent Lower Explosive Limit	METER	5/23/02	14:00	CSC	0.0		% LEL	0
Percent Volume Methane	METER	5/23/02	14:00	CSC	0.0		% VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

UTILITIES SERVICES BRANCH
ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
(727) 847-8902

FACSIMILE TRANSMISSION

TO:

Laura Ross
FDEP

FROM:

1-813-744-6125
Candia McChern
Lala Mgr.

DATE:

6-6-02

RE:

REMARKS:

TRANSMITTING

2

PAGES INCLUDING COVER SHEET.

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL

Ass

At (727) 847-8902

OUR FACSIMILE NUMBER IS: (727) 847-8112



PASCO COUNTY, FLORIDA

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8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654

DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/6/02

SAMPLE NUMBER AA03643
DATE SAMPLED 5/23/02
DATE RECEIVED 5/23/02
TIME RECEIVED 17:00

SAMPLE ID 4MW1 @ RESREC
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GAS
TIME SAMPLED 8:45
RECEIVED BY CEM
SAMPLE TYPE
Pumped

ANALYSIS	METHOD	ANALYSIS				RESULT	QUAL.	UNIT	DET. LIMIT
		DATE	TIME	BY					
Percent Lower Explosive Limit	METER	5/23/02	8:45	CSC	0.0		% LEL	0	
Percent Volume Methane	METER	5/23/02	8:45	CSC	0.0		% VOL	0	

LABORATORY DIRECTOR

A handwritten signature in black ink, appearing to read "John E. Power", is written over a horizontal line.



PASCO COUNTY, FLORIDA

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

26255
slazka dr
D.E.P.
APR 03 2002
Southwest District Tampa

March 28, 2002

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter I, 2002
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

This completes the Quarter I, 2002 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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
(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWER

PROJECT NAME: RESREC GAS Q-I
DATE: 03/28/02

(Page 1 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
114754	03/27/02	1100	CHRIS CHILDRESS	03/27/02	1642	OT
114755	03/27/02	1110	CHRIS CHILDRESS	03/27/02	1642	OT
114756	03/27/02	1130	CHRIS CHILDRESS	03/27/02	1642	OT
114757	03/27/02	1140	CHRIS CHILDRESS	03/27/02	1642	OT
114758	03/27/02	1200	CHRIS CHILDRESS	03/27/02	1642	OT
114759	03/27/02	1220	CHRIS CHILDRESS	03/27/02	1642	OT
114760	03/27/02	1530	CHRIS CHILDRESS	03/27/02	1642	OT
114761	03/27/02	1540	CHRIS CHILDRESS	03/27/02	1642	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-1	114754	21.88	0.0	0.0
2MW-1	114755	DRY	0.0	0.0
4MW-2	114756	27.84	0.0	0.0
2MW-2	114757	27.57	0.0	0.0
4MW-4	114758	29.54	0.0	0.0
2MW-4	114759	DRY	0.0	0.0
4MW-5	114760	26.95	0.0	0.0
2MW-5	114761	DRY	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWER

PROJECT NAME: RESREC GAS Q-I
DATE: 03/28/02

(Page 2 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
114762	03/27/02	1600	CHRIS CHILDRESS	03/27/02	1642	OT
114763	03/27/02	1610	CHRIS CHILDRESS	03/27/02	1642	OT
114764	03/27/02	1400	CHRIS CHILDRESS	03/27/02	1642	OT
114765	03/27/02	1410	CHRIS CHILDRESS	03/27/02	1642	OT
114766	03/27/02	1420	CHRIS CHILDRESS	03/27/02	1642	OT
114767	03/27/02	1430	CHRIS CHILDRESS	03/27/02	1642	OT
114768	03/27/02	1440	CHRIS CHILDRESS	03/27/02	1642	OT
114769	03/27/02	1310	CHRIS CHILDRESS	03/27/02	1642	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL	% VOL
			% LEL	% VOL
4MW-6	114762	30.52	0.0	0.0
2MW-6	114763	DRY	0.0	0.0
4MW-11D	114764	40.34	0.0	0.0
4MW-12D	114765	30.71	0.0	0.0
4MW-13D	114766	30.10	0.0	0.0
2MW-13	114767	DRY	0.0	0.0
4MW-14D	114768	27.25	0.0	0.0
2MW-17S	114769	32.23	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWER

PROJECT NAME: RESREC GAS Q-I
DATE: 03/28/02

(Page 3 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
114770	03/27/02	1300	CHRIS CHILDRESS	03/27/02	1642	OT
114771	03/27/02	1240	CHRIS CHILDRESS	03/27/02	1642	OT
114772	03/27/02	1320	CHRIS CHILDRESS	03/27/02	1642	OT
114773	03/27/02	1330	CHRIS CHILDRESS	03/27/02	1642	OT
114774	03/27/02	1350	CHRIS CHILDRESS	03/27/02	1642	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL	% VOL
			% LEL	% VOL
2MW-18D	114770	31.64	0.0	0.0
GMP-1	114771	N.R.	0.0	0.0
GMP-2	114772	N.R.	0.0	0.0
GMP-3	114773	N.R.	0.0	0.0
GMP-4	114774	N.R.	0.0	0.0

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/28/2002

QA/QC for SAMPLE Nos: 114754, 114755, 114756, 114757, 114758, 114759, 114760, 114761, 114762, 114763, 114764, 114765, 114766, 114767, 114768, 114769, 114770, 114771, 114772, 114773, 114774,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data		Reference Sample Data			
		Replicate	Replicate	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery	
		A	B								

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
% LEL	METER	03/27/02	1100	CSC	0
% VOL	METER	03/27/02	1100	CSC	0
STATIC WL	FIELD	03/27/02	1100	CSC	0



PASCO COUNTY, FLORIDA

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

D.E.R.

NOV 28 2001
Southwest District Tampa

November 21, 2001

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter IV, 2001
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, 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
(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWERS

PROJECT NAME: RESREC GAS Q-IV
DATE: 11/21/01

(Page 1 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
111381	11/20/01	0900	CHRIS CHILDRESS	11/20/01	1545	OT
111382	11/20/01	0910	CHRIS CHILDRESS	11/20/01	1545	OT
111383	11/20/01	1200	CHRIS CHILDRESS	11/20/01	1545	OT
111384	11/20/01	1210	CHRIS CHILDRESS	11/20/01	1545	OT
111385	11/20/01	1250	CHRIS CHILDRESS	11/20/01	1545	OT
111386	11/20/01	1310	CHRIS CHILDRESS	11/20/01	1545	OT
111387	11/20/01	1320	CHRIS CHILDRESS	11/20/01	1545	OT
111388	11/20/01	1330	CHRIS CHILDRESS	11/20/01	1545	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL	% VOL
			% LEL	% VOL
2MW-1	111381	DRY	0.0	0.0
4MW-1	111382	20.47	0.0	0.0
2MW-2	111383	25.16	0.0	0.0
4MW-2	111384	25.46	0.0	0.0
2MW-4	111385	DRY	0.0	0.0
4MW-4	111386	26.73	0.0	0.0
2MW-5	111387	DRY	0.0	0.0
4MW-5	111388	24.27	0.0	0.0

LABORATORY DIRECTOR _____



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWERS

PROJECT NAME: RESREC GAS Q-IV
DATE: 11/21/01

(Page 2 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
111389	11/20/01	1220	CHRIS CHILDRESS	11/20/01	1545	OT
111390	11/20/01	1230	CHRIS CHILDRESS	11/20/01	1545	OT
111391	11/20/01	0930	CHRIS CHILDRESS	11/20/01	1545	OT
111392	11/20/01	0940	CHRIS CHILDRESS	11/20/01	1545	OT
111393	11/20/01	0950	CHRIS CHILDRESS	11/20/01	1545	OT
111394	11/20/01	1000	CHRIS CHILDRESS	11/20/01	1545	OT
111395	11/20/01	1010	CHRIS CHILDRESS	11/20/01	1545	OT
111396	11/20/01	1050	CHRIS CHILDRESS	11/20/01	1545	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-6	111389	DRY	0.0	0.0
4MW-6	111390	27.80	0.0	0.0
4MW-11D	111391	37.80	0.0	0.0
4MW-12D	111392	28.42	0.0	0.0
4MW-13D	111393	27.86	0.0	0.0
2MW-13	111394	DRY	0.0	0.0
4MW-14D	111395	25.11	0.0	0.0
2MW-17S	111396	29.42	0.0	0.0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: JOHN POWERS

PROJECT NAME: RESREC GAS Q-IV
DATE: 11/21/01

(Page 3 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
111397	11/20/01	1100	CHRIS CHILDRESS	11/20/01	1545	OT
111398	11/20/01	1110	CHRIS CHILDRESS	11/20/01	1545	OT
111399	11/20/01	1120	CHRIS CHILDRESS	11/20/01	1545	OT
111400	11/20/01	1130	CHRIS CHILDRESS	11/20/01	1545	OT
111401	11/20/01	1140	CHRIS CHILDRESS	11/20/01	1545	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-18D	111397	28.87	0.0	0.0
GMP-1	111398	N.R.	0.0	0.0
GMP-2	111399	N.R.	0.0	0.0
GMP-3	111400	N.R.	0.0	0.0
GMP-4	111401	N.R.	0.0	0.0

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



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(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 11/21/2001

QA/QC for SAMPLE Nos: 111381, 111382, 111383, 111384, 111385, 111386, 111387, 111388, 111389, 111390, 111391, 111392, 111393, 111394, 111395, 111396, 111397, 111398, 111399, 111400, 111401,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data		Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery		Reference Sample ID	Target	Found	% Recovery

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



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DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
% LEL	METER	11/20/01	0900	CSC	0
% VOL	METER	11/20/01	0900	CSC	0
STATIC WL	FIELD	11/20/01	0900	CSC	0



PASCO COUNTY, FLORIDA

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

July 25, 2001

D.E.P.
JUL 27 2001
Southwest District Tampa

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter III, 2001
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS QIII
DATE: 07/24/01

(Page 1 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
107309	07/18/01	1220	CHRIS CHILDRESS	07/18/01	1600	OT
107310	07/18/01	1210	CHRIS CHILDRESS	07/18/01	1600	OT
107311	07/18/01	1200	CHRIS CHILDRESS	07/18/01	1600	OT
107312	07/18/01	1230	CHRIS CHILDRESS	07/18/01	1600	OT
107313	07/18/01	0900	CHRIS CHILDRESS	07/18/01	1600	OT
107314	07/18/01	0910	CHRIS CHILDRESS	07/18/01	1600	OT
107315	07/18/01	0930	CHRIS CHILDRESS	07/18/01	1600	OT
107316	07/18/01	0940	CHRIS CHILDRESS	07/18/01	1600	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
GMP-1	107309	N/A	0.0	0.0
GMP-2	107310	N/A	0.0	0.0
GMP-3	107311	N/A	0.0	0.0
GMP-4	107312	N/A	0.0	0.0
2MW1	107313	DRY	0.0	0.0
4MW1	107314	21.91	0.0	0.0
2MW2	107315	DRY	0.0	0.0
4MW2	107316	28.71	0.0	0.0

LABORATORY DIRECTOR



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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS QIII
DATE: 07/24/01

(Page 2 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
107317	07/18/01	1030	CHRIS CHILDRESS	07/18/01	1600	OT
107318	07/18/01	1050	CHRIS CHILDRESS	07/18/01	1600	OT
107319	07/18/01	1110	CHRIS CHILDRESS	07/18/01	1600	OT
107320	07/18/01	1120	CHRIS CHILDRESS	07/18/01	1600	OT
107321	07/18/01	1000	CHRIS CHILDRESS	07/18/01	1600	OT
107322	07/18/01	1010	CHRIS CHILDRESS	07/18/01	1600	OT
107323	07/18/01	1210	CHRIS CHILDRESS	07/18/01	1600	OT
107324	07/18/01	1220	CHRIS CHILDRESS	07/18/01	1600	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW4	107317	DRY	0.0	0.0
4MW4	107318	30.64	0.0	0.0
2MW5	107319	DRY	0.0	0.0
4MW5	107320	28.13	0.0	0.0
2MW6	107321	DRY	0.0	0.0
4MW6	107322	31.72	0.0	0.0
4MW11D	107323	40.78	0.0	0.0
4MW12D	107324	31.23	0.0	0.0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS QIII
DATE: 07/24/01

(Page 3 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
107325	07/18/01	1230	CHRIS CHILDRESS	07/18/01	1600	OT
107326	07/18/01	1240	CHRIS CHILDRESS	07/18/01	1600	OT
107327	07/18/01	1300	CHRIS CHILDRESS	07/18/01	1600	OT
107328	07/18/01	1310	CHRIS CHILDRESS	07/18/01	1600	OT
107329	07/18/01	1320	CHRIS CHILDRESS	07/18/01	1600	OT
107330	07/18/01	1400	CHRIS CHILDRESS	07/18/01	1600	OT
107331	07/18/01	1410	CHRIS CHILDRESS	07/18/01	1600	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW13D	107325	30.60	0.0	0.0
2MW13	107326	DRY	0.0	0.0
4MW14D	107327	27.65	0.0	0.0
4MW15D	107328	29.00	0.0	0.0
4MW16D	107329	26.46	0.0	0.0
2MW17S	107330	33.21	0.0	0.0
2MW18D	107331	32.68	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY

8864 GOVERNMENT DRIVE

NEW PORT RICHEY, FL 34654

(813) 847-8902

RECEIVED
MAY 29 2001
Department of Environmental Protection
SOUTHWEST DISTRICT

May 23, 2001

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter II, 2001
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neutronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 05/23/01

(Page 1 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
105360	05/22/01	1010	CHRIS CHILDRESS	05/22/01	1630	OT
105361	05/22/01	1020	CHRIS CHILDRESS	05/22/01	1630	OT
105362	05/22/01	1040	CHRIS CHILDRESS	05/22/01	1630	OT
105363	05/22/01	1050	CHRIS CHILDRESS	05/22/01	1630	OT
105364	05/22/01	1140	CHRIS CHILDRESS	05/22/01	1630	OT
105365	05/22/01	1130	CHRIS CHILDRESS	05/22/01	1630	OT
105366	05/22/01	1450	CHRIS CHILDRESS	05/22/01	1630	OT
105367	05/22/01	1500	CHRIS CHILDRESS	05/22/01	1630	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-1	105360	DRY	0.0	0.0
4MW-1	105361	22.64	0.0	0.0
2MW-2	105362	28.50	0.0	0.0
4MW-2	105363	28.82	0.0	0.0
2MW-4	105364	DRY	0.0	0.0
4MW-4	105365	30.64	0.0	0.0
2MW-5	105366	DRY	0.0	0.0
4MW-5	105367	28.04	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 05/23/01

(Page 2 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
105368	05/22/01	1100	CHRIS CHILDRESS	05/22/01	1630	OT
105369	05/22/01	1110	CHRIS CHILDRESS	05/22/01	1630	OT
105370	05/22/01	1320	CHRIS CHILDRESS	05/22/01	1630	OT
105371	05/22/01	1330	CHRIS CHILDRESS	05/22/01	1630	OT
105372	05/22/01	1340	CHRIS CHILDRESS	05/22/01	1630	OT
105373	05/22/01	1350	CHRIS CHILDRESS	05/22/01	1630	OT
105374	05/22/01	1400	CHRIS CHILDRESS	05/22/01	1630	OT
105375	05/22/01	1410	CHRIS CHILDRESS	05/22/01	1630	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-6	105368	DRY	0.0	0.0
4MW-6	105369	31.50	0.0	0.0
4MW-11D	105370	41.44	0.0	0.0
4MW-12D	105371	31.72	0.0	0.0
4MW-13D	105372	31.00	0.0	0.0
2MW-13	105373	DRY	0.0	0.0
4MW-14D	105374	28.22	0.0	0.0
4MW-15D	105375	29.66	0.0	0.0

LABORATORY DIRECTOR



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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 05/23/01

(Page 3 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
105376	05/22/01	1420	CHRIS CHILDRESS	05/22/01	1630	OT
105377	05/22/01	1300	CHRIS CHILDRESS	05/22/01	1630	OT
105378	05/22/01	1220	CHRIS CHILDRESS	05/22/01	1630	OT
105379	05/22/01	1210	CHRIS CHILDRESS	05/22/01	1630	OT
105380	05/22/01	1200	CHRIS CHILDRESS	05/22/01	1630	OT
105381	05/22/01	1240	CHRIS CHILDRESS	05/22/01	1630	OT
105382	05/22/01	1230	CHRIS CHILDRESS	05/22/01	1630	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-16D	105376	27.30	0.0	0.0
2MW-17S	105377	33.52	0.0	0.0
2MW-18D	105378	32.70	0.0	0.0
GMP-1	105379	N.R.	0.0	0.0
GMP-2	105380	N.R.	0.0	0.0
GMP-3	105381	N.R.	0.0	0.0
GMP-4	105382	N.R.	0.0	0.0

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 05/23/2001

QA/QC for SAMPLE Nos: 105360, 105361, 105362, 105363, 105364, 105365, 105366, 105367, 105368, 105369, 105370, 105371, 105372, 105373, 105374, 105375, 105376, 105377, 105378, 105379, 105380, 105381, 105382,

Page 1

Precision Data						Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate		Range	RPD %	% Spike	Reference			%
		A	B			Recovery	Sample ID	Target	Found	Recovery

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

		ANALYSIS			
ANALYSIS	METHOD	DATE	TIME	ANALYST	MDL
% LEL	METER	05/22/01	1010	CSC	0
% VOL	METER	05/22/01	1010	CSC	0
STATIC WL	FIELD	05/22/01	1010	CSC	0



PASCO COUNTY, FLORIDA

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

February 16, 2001

D.E.P.
FEB 23 2001
Southwest District Tampa

Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter I, 2001
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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neutronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in December, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS MON
DATE: 02/15/01

(Page 1 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
101641	02/13/01	0930	CHRIS CHILDRESS	02/13/01	1700	OT
101642	02/13/01	0920	CHRIS CHILDRESS	02/13/01	1700	OT
101643	02/13/01	1410	CHRIS CHILDRESS	02/13/01	1700	OT
101644	02/13/01	1420	CHRIS CHILDRESS	02/13/01	1700	OT
101645	02/13/01	1120	CHRIS CHILDRESS	02/13/01	1700	OT
101646	02/13/01	1130	CHRIS CHILDRESS	02/13/01	1700	OT
101647	02/13/01	1150	CHRIS CHILDRESS	02/13/01	1700	OT
101648	02/13/01	1200	CHRIS CHILDRESS	02/13/01	1700	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-1	101641	DRY	0.0	0.0
4MW-1	101642	21.38	0.0	0.0
2MW-2	101643	27.00	0.0	0.0
4MW-2	101644	27.35	0.0	0.0
2MW-4	101645	DRY	0.0	0.0
4MW-4	101646	29.18	0.0	0.0
2MW-5	101647	DRY	0.0	0.0
4MW-5	101648	26.60	0.0	0.0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS MON
DATE: 02/15/01

(Page 2 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
101649	02/13/01	0950	CHRIS CHILDRESS	02/13/01	1700	OT
101650	02/13/01	1000	CHRIS CHILDRESS	02/13/01	1700	OT
101651	02/13/01	1300	CHRIS CHILDRESS	02/13/01	1700	OT
101652	02/13/01	1310	CHRIS CHILDRESS	02/13/01	1700	OT
101653	02/13/01	1320	CHRIS CHILDRESS	02/13/01	1700	OT
101654	02/13/01	1330	CHRIS CHILDRESS	02/13/01	1700	OT
101655	02/13/01	1340	CHRIS CHILDRESS	02/13/01	1700	OT
101656	02/13/01	1350	CHRIS CHILDRESS	02/13/01	1700	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-6	101649	DRY	0.0	0.0
4MW-6	101650	30.04	0.0	0.0
4MW-11D	101651	39.96	0.0	0.0
4MW-12D	101652	30.36	0.0	0.0
2MW-13	101653	DRY	0.0	0.0
4MW-13D	101654	29.72	0.0	0.0
4MW-14D	101655	26.90	0.0	0.0
4MW-15D	101656	28.46	0.0	0.0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS MON
DATE: 02/15/01

(Page 3 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
101657	02/13/01	1400	CHRIS CHILDRESS	02/13/01	1700	OT
101658	02/13/01	1220	CHRIS CHILDRESS	02/13/01	1700	OT
101659	02/13/01	1230	CHRIS CHILDRESS	02/13/01	1700	OT
101660	02/13/01	1240	CHRIS CHILDRESS	02/13/01	1700	OT
101661	02/13/01	1250	CHRIS CHILDRESS	02/13/01	1700	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-16D	101657	26.06	0.0	0.0
GMP-1	101658	N/A	0.0	0.0
GMP-2	101659	N/A	0.0	0.0
GMP-3	101660	N/A	0.0	0.0
GMP-4	101661	N/A	0.0	0.0

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CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 02/15/2001

QA/QC for SAMPLE Nos: 101641, 101642, 101643, 101644, 101645, 101646, 101647, 101648, 101649, 101650, 101651, 101652, 101653, 101654, 101655, 101656, 101657, 101658, 101659, 101660, 101661,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data		Reference Sample Data			
		Replicate		Range	RPD %	% Spike Recovery	Reference Sample ID	Reference		Found	% Recovery
		A	B					Target	Target		

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



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DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
% LEL	METER	02/13/01	1800	CSC	0
% VOL	METER	02/13/01	0800	CSC	0
STATIC WL	FIELD	02/13/01	0920	CSC	0



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November 15, 2000

D.E.P.
NOV 17 2000
Southwest District Tampa

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter IV, 2000
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98364 SAMPLE ID- 2MW-1
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1430
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 1 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1430	CSC	DRY FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98365 SAMPLE ID- 4MW-1
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1440
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 2 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1440	CSC	19.34 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98366 SAMPLE ID- 2MW-2
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1250
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 3 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1250	CSC	24.56 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98367 SAMPLE ID- 4MW-2
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1300
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.	
		DATE	TIME	BY		DQ	LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1300	CSC	24.96 FT TO WL		
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL		0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL		0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98368 SAMPLE ID- 2MW-4
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1140
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1140	CSC	DRY FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98369 SAMPLE ID- 4MW-4
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1130
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 6 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1130	CSC	26.36 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98370 SAMPLE ID- 2MW-5
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1400
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 7 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1400	CSC	DRY FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98371 SAMPLE ID- 4MW-5
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1410
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1410	CSC	23.78 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98372 SAMPLE ID- 2MW-6
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1230
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME BY	DQ LIMIT		
STATIC WATER LEVEL	FIELD	11/09/00	1230 CSC		DRY FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500 CSC		0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500 CSC		0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98373 SAMPLE ID- 4MW-6
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1240
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1240	CSC	27.32 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98374 SAMPLE ID- 4MW-11D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1310
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 11 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1310	CSC	37.22 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98375 SAMPLE ID- 4MW-12D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1315
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 12 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1315	CSC	27.82 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98376 SAMPLE ID- 4MW-13D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1320
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1320	CSC	27.20 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98377 SAMPLE ID- 2MW-13
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1325
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.	
		DATE	TIME BY	DQ		LIMIT	
STATIC WATER LEVEL	FIELD	11/09/00	1325 CSC		20.94 FT TO WL		
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500 CSC		0.0 % LEL		0
% VOLUME METHANE	METER	11/09/00	1500 CSC		0.0 % VOL		0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98378 SAMPLE ID- 4MW-14D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1330
RECEIVED BY- CEM
TYPE SAMPLE- Grab

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ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1330	CSC	24.38 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98379 SAMPLE ID- 4MW-15D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1335
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 16 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1335	CSC	25.94 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98380 SAMPLE ID- 4MW-16D
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1340
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 17 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME BY	DQ LIMIT		
STATIC WATER LEVEL	FIELD	11/09/00	1340 CSC		23.42 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500 CSC		0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500 CSC		0.0 % VOL	0

LABORATORY DIRECTOR



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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98381 SAMPLE ID- GMP-1
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1150
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 18 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1150	CSC	N/A FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98382 SAMPLE ID- GMP-2
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1200
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 19 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1200	CSC	N/A FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98383 SAMPLE ID- GMP-3
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1210
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 20 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1210	CSC	N/A FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC Q-IV 00
DATE: 11/14/00

SAMPLE NUMBER- 98384 SAMPLE ID- GMP-4
DATE SAMPLED- 11/09/00
DATE RECEIVED- 11/09/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1220
RECEIVED BY- CEM
TYPE SAMPLE- Grab

Page 21 of 21

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.	
		DATE	TIME	BY		DQ	LIMIT
STATIC WATER LEVEL	FIELD	11/09/00	1220	CSC	N/A FT TO WL		
PERCENT LOWER EXPLOSIVE LIMIT	METER	11/09/00	1500	CSC	0.0 % LEL		0
% VOLUME METHANE	METER	11/09/00	1500	CSC	0.0 % VOL		0

LABORATORY DIRECTOR



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

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 11/14/2000

QA/QC for SAMPLE Nos: 98364, 98365, 98366, 98367, 98368, 98369, 98370, 98371, 98372, 98373, 98374, 98375, 98376, 98377, 98378, 98379, 98380, 98381, 98382, 98383, 98384,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data		Reference Sample Data		
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery

PERCENT LOWER EXPLOSIVE LIMIT METER
% LEL
NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE METER
% VOL
NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

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

August 08, 2000

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RECEIVED
AUG 14 2000
Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

RE: Hays Road Class I Landfill
Quarter III, 2000
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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ANG 14 2000

Department of Environmental Protection
SOUTHWEST DISTRICT

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

BY
DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS
DATE: 08/08/00

(Page 1 of 3)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
94813	08/04/00	0930	CHRIS CHILDRESS	08/04/00	1440	OT
94814	08/04/00	1150	CHRIS CHILDRESS	08/04/00	1440	OT
94815	08/04/00	1000	CHRIS CHILDRESS	08/04/00	1440	OT
94816	08/04/00	1010	CHRIS CHILDRESS	08/04/00	1440	OT
94817	08/04/00	1040	CHRIS CHILDRESS	08/04/00	1440	OT
94818	08/04/00	1050	CHRIS CHILDRESS	08/04/00	1440	OT
94819	08/04/00	1100	CHRIS CHILDRESS	08/04/00	1440	OT
94820	08/04/00	1110	CHRIS CHILDRESS	08/04/00	1440	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-1	94813	DRY	0.0	0.0
4MW-1	94814	19.38	0.0	0.0
2MW-2	94815	27.42	0.0	0.0
4MW-2	94816	27.54	0.0	0.0
2MW-4	94817	DRY	0.0	0.0
4MW-4	94818	29.46	0.0	0.0
2MW-5	94819	DRY	0.0	0.0
4MW-5	94820	26.68	0.0	0.0

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PASCO COUNTY, FLORIDA

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AUG 14 2000

Department of Environmental Protection
SOUTHWEST DISTRICT

BY

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NEW PORT RICHEY, FL 34654
(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS
DATE: 08/08/00

(Page 2 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
94821	08/04/00	1020	CHRIS CHILDRESS	08/04/00	1440	OT
94822	08/04/00	1030	CHRIS CHILDRESS	08/04/00	1440	OT
94823	08/04/00	1230	CHRIS CHILDRESS	08/04/00	1440	OT
94824	08/04/00	1240	CHRIS CHILDRESS	08/04/00	1440	OT
94825	08/04/00	1250	CHRIS CHILDRESS	08/04/00	1440	OT
94826	08/04/00	1300	CHRIS CHILDRESS	08/04/00	1440	OT
94827	08/04/00	1310	CHRIS CHILDRESS	08/04/00	1440	OT
94828	08/04/00	1320	CHRIS CHILDRESS	08/04/00	1440	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-6	94821	DRY	0.0	0.0
4MW-6	94822	30.54	0.0	0.0
4MW-11D	94823	39.24	0.0	0.0
4MW-12D	94824	29.70	0.0	0.0
4MW-13D	94825	29.06	0.0	0.0
2MW-13	94826	DRY	0.0	0.0
4MW-14D	94827	25.98	0.0	0.0
4MW-15D	94828	27.30	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

RECEIVED

AUG 14 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS
DATE: 08/08/00

(Page 3 of 3)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
94829	08/04/00	1120	CHRIS CHILDRESS	08/04/00	1440	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-16D	94829	24.50	0.0	0.0

LABORATORY DIRECTOR

26255
gas



PASCO COUNTY, FLORIDA

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

RECEIVED
JUN 01 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

May 25, 2000

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter II, 2000
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in March, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "Candia E. Mulhern", with a long, sweeping horizontal line extending to the right.

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS MON
DATE: 05/25/00

(Page 1 of 4)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
92132	05/23/00	1225	CHRIS CHILDRESS	05/23/00	1400	OT
92133	05/23/00	1235	CHRIS CHILDRESS	05/23/00	1400	OT
92134	05/23/00	1105	CHRIS CHILDRESS	05/23/00	1400	OT
92135	05/23/00	1100	CHRIS CHILDRESS	05/23/00	1400	OT
92136	05/23/00	1025	CHRIS CHILDRESS	05/23/00	1400	OT
92137	05/23/00	1015	CHRIS CHILDRESS	05/23/00	1400	OT
92138	05/23/00	0945	CHRIS CHILDRESS	05/23/00	1400	OT
92139	05/23/00	0950	CHRIS CHILDRESS	05/23/00	1400	OT

CLIENT STATION ID	LAB NUMBER	STATIC WATER LEVEL FT TO WL	PERCENT LOWER % LEL	EXPLOSIVE LIMIT
2MW-1	92132	DRY		0.0
4MW-1	92133	22.40		0.0
2MW-2	92134	27.40		0.0
4MW-2	92135	27.75		0.0
2MW-4	92136	DRY		0.0
4MW-4	92137	29.65		0.0
2MW-5	92138	DRY		0.0
4MW-5	92139	27.20		0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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(727) 847-8902

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS MON
DATE: 05/25/00

(Page 3 of 4)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
92140	05/23/00	1050	CHRIS CHILDRESS	05/23/00	1400	OT
92141	05/23/00	1045	CHRIS CHILDRESS	05/23/00	1400	OT
92142	05/23/00	1210	CHRIS CHILDRESS	05/23/00	1400	OT
92143	05/23/00	1155	CHRIS CHILDRESS	05/23/00	1400	OT
92144	05/23/00	1145	CHRIS CHILDRESS	05/23/00	1400	OT
92145	05/23/00	1140	CHRIS CHILDRESS	05/23/00	1400	OT
92146	05/23/00	1130	CHRIS CHILDRESS	05/23/00	1400	OT
92147	05/23/00	1120	CHRIS CHILDRESS	05/23/00	1400	OT

CLIENT STATION ID	LAB NUMBER	STATIC WATER LEVEL FT TO WL	PERCENT LOWER % LEL	EXPLOSIVE LIMIT
2MW-6	92140	DRY		0.0
4MW-6	92141	30.50		0.0
4MW-11D	92142	40.60		0.0
4MW-12D	92143	31.00		0.0
2MW-13	92144	DRY		0.0
4MW-14D	92145	27.50		0.0
4MW-15D	92146	29.10		0.0
4MW-16D	92147	26.55		0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 05/25/2000

QA/QC for SAMPLE Nos: 92132, 92133, 92134, 92135, 92136, 92137, 92138, 92139, 92140, 92141, 92142, 92143, 92144, 92145, 92146, 92147,

Page 1

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate	Replicate			% Spike	Reference			%
		A	B	Range	RPD %	Recovery	Sample ID	Target	Found	Recovery

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
% LEL	METER	05/23/00	1400	CSC	0
% VOL	METER	05/23/00	1400	CSC	0
STATIC WL	FIELD	05/23/00	0945	CSC	0



PASCO COUNTY, FLORIDA

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

D.E.P.
MAR 24 2000
Southwest District Tampa

March 22, 2000

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter I, 2000
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in February, 2000. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90018 SAMPLE ID- 2MW1
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1310
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 1 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90019 SAMPLE ID- 4MW1
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1300
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 2 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1300	CSC	20.75 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90020 SAMPLE ID- 2MW2
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1125
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 3 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1125 CSC	25.55 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90021 SAMPLE ID- 4MW2
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1120
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 4 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1120 CSC	25.95 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90022 SAMPLE ID- 2MW4
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1040
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 5 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90023 SAMPLE ID- 4MW4
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1030
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 6 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1030	CSC	27.90 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90024 SAMPLE ID- 2MW5
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1000
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 7 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90025 SAMPLE ID- 4MW5
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1010
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 8 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET. DQ LIMIT
		DATE	TIME BY		
STATIC WATER LEVEL	FIELD	03/21/00	1010 CSC	25.85 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90026 SAMPLE ID- 2MW6
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1055
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 9 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

LABORATORY DIRECTOR



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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90027 SAMPLE ID- 4MW6
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1100
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 10 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET. DQ LIMIT
		DATE	TIME BY		
STATIC WATER LEVEL	FIELD	03/21/00	1100 CSC	28.80 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90028 SAMPLE ID- 4MW11D
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1145
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 11 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1145 CSC	38.95 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90029 SAMPLE ID- 4MW12D
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1155
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 12 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1155	CSC	28.30 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90030 SAMPLE ID- 2MW13
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1200
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 13 of 16

ANALYSIS	METHOD	ANALYSIS		RESULT UNITS	DET.
		DATE	TIME BY		DQ LIMIT
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500 CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500 CSC	0.0 % VOL	0

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-I
DATE: 03/22/00

SAMPLE NUMBER- 90031 SAMPLE ID- 4MW14D
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1210
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 14 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1210	CSC	25.95 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

LABORATORY DIRECTOR



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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90032 SAMPLE ID- 4MW15D
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1220
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 15 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET. DQ LIMIT
		DATE	TIME	BY		
STATIC WATER LEVEL	FIELD	03/21/00	1220	CSC	27.60 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

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CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RESREC GAS Q-1
DATE: 03/22/00

SAMPLE NUMBER- 90033 SAMPLE ID- 4MW16D
DATE SAMPLED- 03/21/00
DATE RECEIVED- 03/21/00 SAMPLER- C.CHILDRESS/S.BERGE
TIME RECEIVED- 1500 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- OT
TIME SAMPLED- 1230
RECEIVED BY- CEM
TYPE SAMPLE- Pumped

Page 16 of 16

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS	DET.
		DATE	TIME	BY		DQ LIMIT
STATIC WATER LEVEL	FIELD	03/21/00	1230	CSC	25.00 FT TO WL	
PERCENT LOWER EXPLOSIVE LIMIT	METER	03/21/00	1500	CSC	0.0 % LEL	0
% VOLUME METHANE	METER	03/21/00	1500	CSC	0.0 % VOL	0

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CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/22/2000

QA/QC for SAMPLE Nos: 90018, 90019, 90020, 90021, 90022, 90023, 90024, 90025, 90026, 90027, 90028, 90029, 90030, 90031, 90032, 90033,
Page 1

Analyte	LAB ID	Precision Data				Accuracy Data		Reference Sample Data		
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery

PERCENT LOWER
EXPLOSIVE LIMIT
METER
% LEL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

% VOLUME METHANE
METER
% VOL

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS



PASCO COUNTY, FLORIDA

November 22, 1999

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Fl 33619

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

NOV 24 1999

SOUTHWEST DISTRICT
TAMPA

RE: Hays Road Class I Landfill
Quarter IV, 1999
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in May 1998. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 11/19/99

(Page 1 of 2)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
86027	11/19/99	1030	CHRIS CHILDRESS	11/19/99	1404	OT
86028	11/19/99	1035	CHRIS CHILDRESS	11/19/99	1404	OT
86029	11/19/99	1225	CHRIS CHILDRESS	11/19/99	1404	OT
86030	11/19/99	1235	CHRIS CHILDRESS	11/19/99	1404	OT
86031	11/19/99	1245	CHRIS CHILDRESS	11/19/99	1404	OT
86032	11/19/99	1255	CHRIS CHILDRESS	11/19/99	1404	OT
86033	11/19/99	1315	CHRIS CHILDRESS	11/19/99	1404	OT
86034	11/19/99	1325	CHRIS CHILDRESS	11/19/99	1404	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL % LEL	% VOL % VOL
2MW-1	86027	DRY	0.0	0.0
4MW-1	86028	18.50	0.0	0.0
2MW-2	86029	23.35	0.0	0.0
4MW-2	86030	23.75	0.0	0.0
2MW-4	86031	DRY	0.0	0.0
4MW-4	86032	25.90	0.0	0.0
2MW-5	86033	DRY	0.0	0.0
4MW-5	86034	23.10	0.0	0.0

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 11/19/99

(Page 2 of 2)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
86035	11/19/99	1205	CHRIS CHILDRESS	11/19/99	1404	OT
86036	11/19/99	1155	CHRIS CHILDRESS	11/19/99	1404	OT
86037	11/19/99	1125	CHRIS CHILDRESS	11/19/99	1404	OT
86038	11/19/99	1115	CHRIS CHILDRESS	11/19/99	1404	OT
86039	11/19/99	1105	CHRIS CHILDRESS	11/19/99	1404	OT
86040	11/19/99	1100	CHRIS CHILDRESS	11/19/99	1404	OT
86041	11/19/99	1050	CHRIS CHILDRESS	11/19/99	1404	OT
86042	11/19/99	1140	CHRIS CHILDRESS	11/19/99	1404	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
2MW-6	86035	DRY	0.0	0.0
4MW-6	86036	26.55	0.0	0.0
4MW-11D	86037	36.55	0.0	0.0
4MW-12D	86038	27.15	0.0	0.0
2MW-13	86039	21.00	0.0	0.0
4MW-14D	86040	23.70	0.0	0.0
4MW-15D	86041	25.20	0.0	0.0
4MW-16D	86042	22.50	0.0	0.0

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DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
% LEL	METER	11/19/99	1500	CSC	0
% VOL	METER	11/19/99	1500	CSC	0



PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
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RECEIVED
AUG 11 1999

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

August 09, 1999

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter III, 1999
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in May 1998. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 08/06/99

(Page 1 of 4)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
82424	08/06/99	1000	CHRIS CHILDRESS	08/06/99	1430	OT
82425	08/06/99	1010	CHRIS CHILDRESS	08/06/99	1430	OT
82426	08/06/99	1250	CHRIS CHILDRESS	08/06/99	1430	OT
82427	08/06/99	1300	CHRIS CHILDRESS	08/06/99	1430	OT
82428	08/06/99	1215	CHRIS CHILDRESS	08/06/99	1430	OT
82429	08/06/99	1230	CHRIS CHILDRESS	08/06/99	1430	OT
82430	08/06/99	1025	CHRIS CHILDRESS	08/06/99	1430	OT
82431	08/06/99	1035	CHRIS CHILDRESS	08/06/99	1430	OT

CLIENT STATION ID	LAB NUMBER	STATIC WATER LEVEL FT TO WL	PERCENT LOWER EXPLOSIVE LIMIT % LEL
2MW-1	82424	18.00	0.0
4MW-1	82425	18.26	0.0
2MW-2	82426	23.12	0.0
4MW-2	82427	23.44	0.0
2MW-4	82428	DRY	0.0
4MW-4	82429	25.42	0.0
2MW-5	82430	DRY	0.0
4MW-5	82431	22.90	0.0

LABORATORY DIRECTOR



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(Page 2 of 4)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
82424	08/06/99	1000	CHRIS CHILDRESS	08/06/99	1430	OT
82425	08/06/99	1010	CHRIS CHILDRESS	08/06/99	1430	OT
82426	08/06/99	1250	CHRIS CHILDRESS	08/06/99	1430	OT
82427	08/06/99	1300	CHRIS CHILDRESS	08/06/99	1430	OT
82428	08/06/99	1215	CHRIS CHILDRESS	08/06/99	1430	OT
82429	08/06/99	1230	CHRIS CHILDRESS	08/06/99	1430	OT
82430	08/06/99	1025	CHRIS CHILDRESS	08/06/99	1430	OT
82431	08/06/99	1035	CHRIS CHILDRESS	08/06/99	1430	OT

CLIENT STATION ID	LAB NUMBER	% VOLUME METHANE % VOL
2MW-1	82424	0.0
4MW-1	82425	0.0
2MW-2	82426	0.0
4MW-2	82427	0.0
2MW-4	82428	0.0
4MW-4	82429	0.0
2MW-5	82430	0.0
4MW-5	82431	0.0

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SPRING HILL, FL 34610-
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(Page 3 of 4)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
82432	08/06/99	1235	CHRIS CHILDRESS	08/06/99	1430	OT
82433	08/06/99	1225	CHRIS CHILDRESS	08/06/99	1430	OT
82434	08/06/99	1155	CHRIS CHILDRESS	08/06/99	1430	OT
82435	08/06/99	1145	CHRIS CHILDRESS	08/06/99	1430	OT
82436	08/06/99	1135	CHRIS CHILDRESS	08/06/99	1430	OT
82437	08/06/99	1125	CHRIS CHILDRESS	08/06/99	1430	OT
82438	08/06/99	1115	CHRIS CHILDRESS	08/06/99	1430	OT
82439	08/06/99	1200	CHRIS CHILDRESS	08/06/99	1430	OT

CLIENT STATION ID	LAB NUMBER	STATIC WATER LEVEL FT TO WL	PERCENT LOWER EXPLOSIVE LIMIT % LEL
2MW-6	82432	DRY	0.0
4MW-6	82433	25.90	0.0
4MW-11D	82434	36.02	0.0
4MW-12D	82435	26.68	0.0
2MW-13	82436	21.02	0.0
4MW-14D	82437	23.30	0.0
4MW-15D	82438	24.80	0.0
4MW-16D	82439	21.90	0.0

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SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 08/06/99

(Page 4 of 4)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
82432	08/06/99	1235	CHRIS CHILDRESS	08/06/99	1430	OT
82433	08/06/99	1225	CHRIS CHILDRESS	08/06/99	1430	OT
82434	08/06/99	1155	CHRIS CHILDRESS	08/06/99	1430	OT
82435	08/06/99	1145	CHRIS CHILDRESS	08/06/99	1430	OT
82436	08/06/99	1135	CHRIS CHILDRESS	08/06/99	1430	OT
82437	08/06/99	1125	CHRIS CHILDRESS	08/06/99	1430	OT
82438	08/06/99	1115	CHRIS CHILDRESS	08/06/99	1430	OT
82439	08/06/99	1200	CHRIS CHILDRESS	08/06/99	1430	OT

CLIENT STATION ID	LAB NUMBER	% VOLUME METHANE % VOL
2MW-6	82432	0.0
4MW-6	82433	0.0
4MW-11D	82434	0.0
4MW-12D	82435	0.0
2MW-13	82436	0.0
4MW-14D	82437	0.0
4MW-15D	82438	0.0
4MW-16D	82439	0.0

LABORATORY DIRECTOR



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June 15, 1999

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter II 1999
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in May 1998. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 06/14/99

(Page 1 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
80399	06/11/99	1120	CHRIS CHILDRESS	06/11/99	1400	OT
80400	06/11/99	1125	CHRIS CHILDRESS	06/11/99	1400	OT
80401	06/11/99	1215	CHRIS CHILDRESS	06/11/99	1400	OT
80402	06/11/99	1220	CHRIS CHILDRESS	06/11/99	1400	OT
80403	06/11/99	1245	CHRIS CHILDRESS	06/11/99	1400	OT
80404	06/11/99	1250	CHRIS CHILDRESS	06/11/99	1400	OT
80405	06/11/99	1310	CHRIS CHILDRESS	06/11/99	1400	OT
80406	06/11/99	1315	CHRIS CHILDRESS	06/11/99	1400	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL % LEL	% VOL % VOL
4MW-1	80399	18.26	0.0	0.0
2MW-1	80400	18.08	0.0	0.0
4MW-2	80401	23.00	0.0	0.0
2MW-2	80402	22.70	0.0	0.0
4MW-4	80403	24.78	0.0	0.0
2MW-4	80404	N.R.	0.0	0.0
4MW-5	80405	22.30	0.0	0.0
2MW-5	80406	N.R.	0.0	0.0

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GAS
DATE: 06/14/99

(Page 2 of 2)

SAMPLE				DELIVERY TO LAB		
LAB No.	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
80407	06/11/99	1230	CHRIS CHILDRESS	06/11/99	1400	OT
80408	06/11/99	1235	CHRIS CHILDRESS	06/11/99	1400	OT
80409	06/11/99	1200	CHRIS CHILDRESS	06/11/99	1400	OT
80410	06/11/99	1155	CHRIS CHILDRESS	06/11/99	1400	OT
80411	06/11/99	1150	CHRIS CHILDRESS	06/11/99	1400	OT
80412	06/11/99	1145	CHRIS CHILDRESS	06/11/99	1400	OT
80413	06/11/99	1140	CHRIS CHILDRESS	06/11/99	1400	OT
80414	06/11/99	1135	CHRIS CHILDRESS	06/11/99	1400	OT

CLIENT STATION ID	LAB NUMBER	STATIC WL FT TO WL	% LEL % LEL	% VOL % VOL
4MW-6	80407	25.30	0.0	0.0
2MW-6	80408	N.R.	0.0	0.0
4MW-11D	80409	35.60	0.0	0.0
4MW-12D	80410	26.28	0.0	0.0
2MW-13	80411	21.00	0.0	0.0
4MW-14D	80412	22.86	0.0	0.0
4MW-15D	80413	24.50	0.0	0.0
4MW-16D	80414	21.58	0.0	0.0

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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(813) 847-8902

FEB 01 1999

Southwest District Tampa

January 28, 1999

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

RE: Hays Road Class I Landfill
Quarter I 1999
Gas Monitoring

Dear Ms. Amram:

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 monitoring wells monitored were at 0 % LEL. Also included on the report are water levels in Feet MSL.

The gas monitoring was conducted using a Neotronics Digiflam 2000 Gas Meter. The instrument was factory calibrated in May 1998. Calibration of the instrument was also conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. Since there are no discrete gas monitoring wells at this site, the readings for % LEL were taken in the groundwater monitoring wells. The instrument was allowed to run until a stable reading was obtained.

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
Vincent Mannella, Solid Waste Facility Manager

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
FEB - 1 1999
SOUTHWEST DISTRICT
TAMPA



PASCO COUNTY, FLORIDA

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

DATE: 01/27/99

(Page 1 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
75367	01/25/99	1100	CHRIS CHILDRESS	01/25/99	1500	OT
75368	01/25/99	1105	CHRIS CHILDRESS	01/25/99	1500	OT
75369	01/25/99	1120	CHRIS CHILDRESS	01/25/99	1500	OT
75370	01/25/99	1125	CHRIS CHILDRESS	01/25/99	1500	OT
75371	01/25/99	1215	CHRIS CHILDRESS	01/25/99	1500	OT
75372	01/25/99	1200	CHRIS CHILDRESS	01/25/99	1500	OT
75373	01/25/99	1225	CHRIS CHILDRESS	01/25/99	1500	OT
75374	01/25/99	1215	CHRIS CHILDRESS	01/25/99	1500	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-1	75367	14.44	0.0	0.0
2MW-1	75368	14.34	0.0	0.0
4MW-2	75369	18.56	0.0	0.0
2MW-2	75370	18.46	0.0	0.0
4MW-4	75371	20.30	0.0	0.0
2MW-4	75372	DRY	0.0	0.0
4MW-5	75373	17.86	0.0	0.0
2MW-5	75374	DRY	0.0	0.0

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Attn: VINCENT MANNELLA

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(Page 2 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
75375	01/25/99	1135	CHRIS CHILDRESS	01/25/99	1500	OT
75376	01/25/99	1140	CHRIS CHILDRESS	01/25/99	1500	OT

CLIENT	LAB	STATIC WL	% LEL	% VOL
STATION ID	NUMBER	FT TO WL	% LEL	% VOL
4MW-6	75375	20.70	0.0	0.0
2MW-6	75376	20.26	0.0	0.0

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