



PASCO COUNTY, FLORIDA D.E.P.

DADE CITY
LAND O' LAKES
NEW PORT RICHEY

(352) 511-4274
(813) 996-7341
(727) 847-8145

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

SEP 29 2004
Southwest District Tampa

27 September 2004

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

RE: West Pasco Class III Landfill
Groundwater Monitoring
Semester II, 2004

Dear Mr. Morris:

Enclosed please find the groundwater monitoring analyses from monitoring wells 2MW3A, 2MW7, 2MW8, 2MW9, 2MW10, 4MW3A, 4MW7, 4MW8, and 4MW9 at the West Pasco Class III landfill for the second semester (Jul-Dec) sampling period. These wells were analyzed for the parameters listed in 62-701(8)(a) Florida Administrative Code. All associated Quality Assurance/Quality Control data is also included for all analyses. A groundwater contour map for this site is also included.

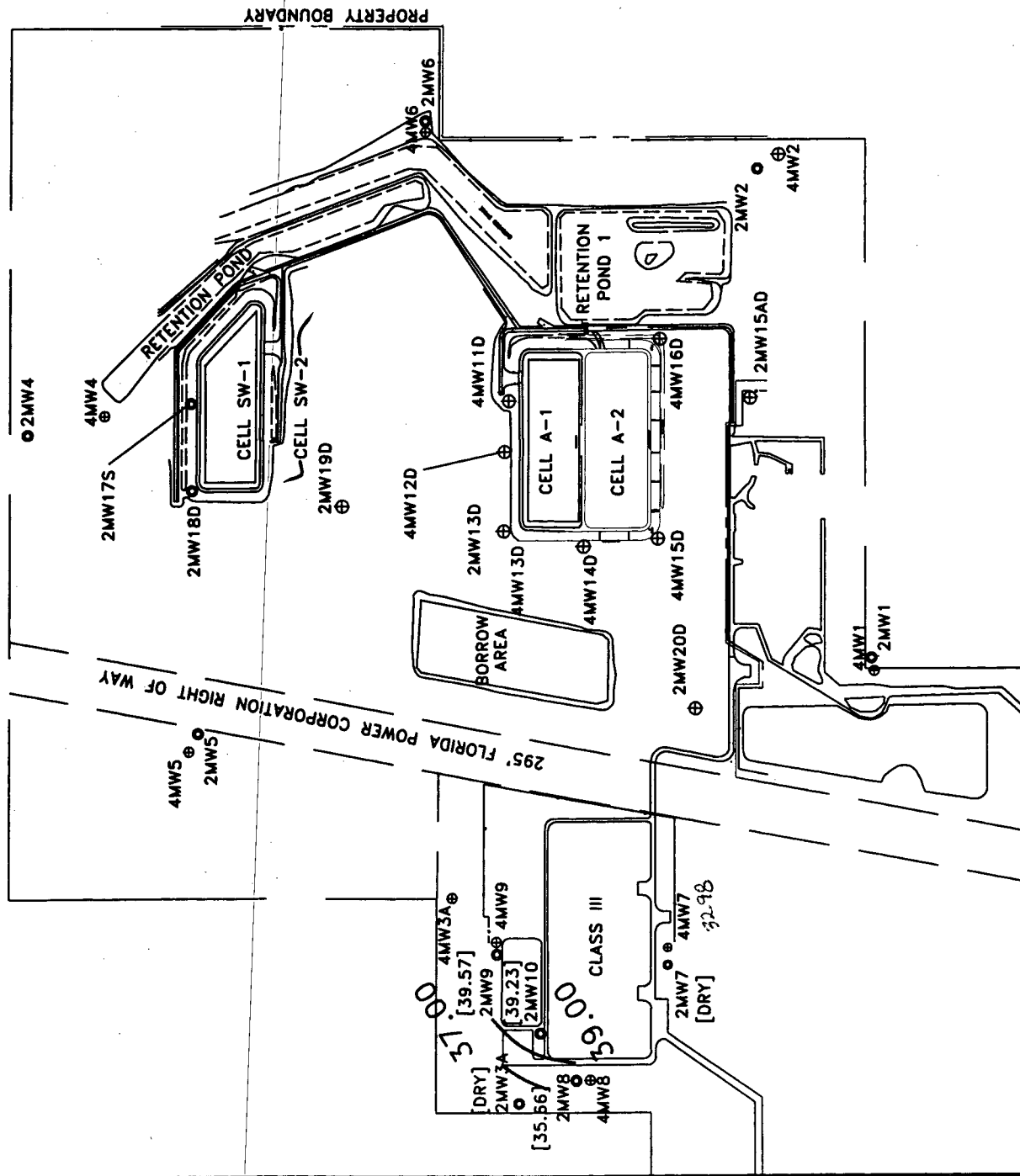
If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1

cc: MS 4565, Florida Department of Environmental Protection, Solid Waste Section, Twin Towers
Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400
Bruce E. Kennedy, Acting Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager



EXPLANATION

- 4MW2
◉ EXISTING GROUNDWATER MONITORING WELL AND DESIGNATION
- 2MW2
◉ EXISTING GROUNDWATER MONITORING WELL AND DESIGNATION (4MW)
- (4MW)
4" PVC FLORIDAN AQUIFER WELL
- (2MW)
2" PVC SURFICIAL AQUIFER WELL
- [35.66]
GROUNDWATER ELEVATION (IN FEET, NGVD)
- 37.00-
GROUNDWATER CONTOUR LINE

Scale In Feet



SEP 29 2004

Prepared/Date: SR 08/20/04

Checked/Date: 08/20/04

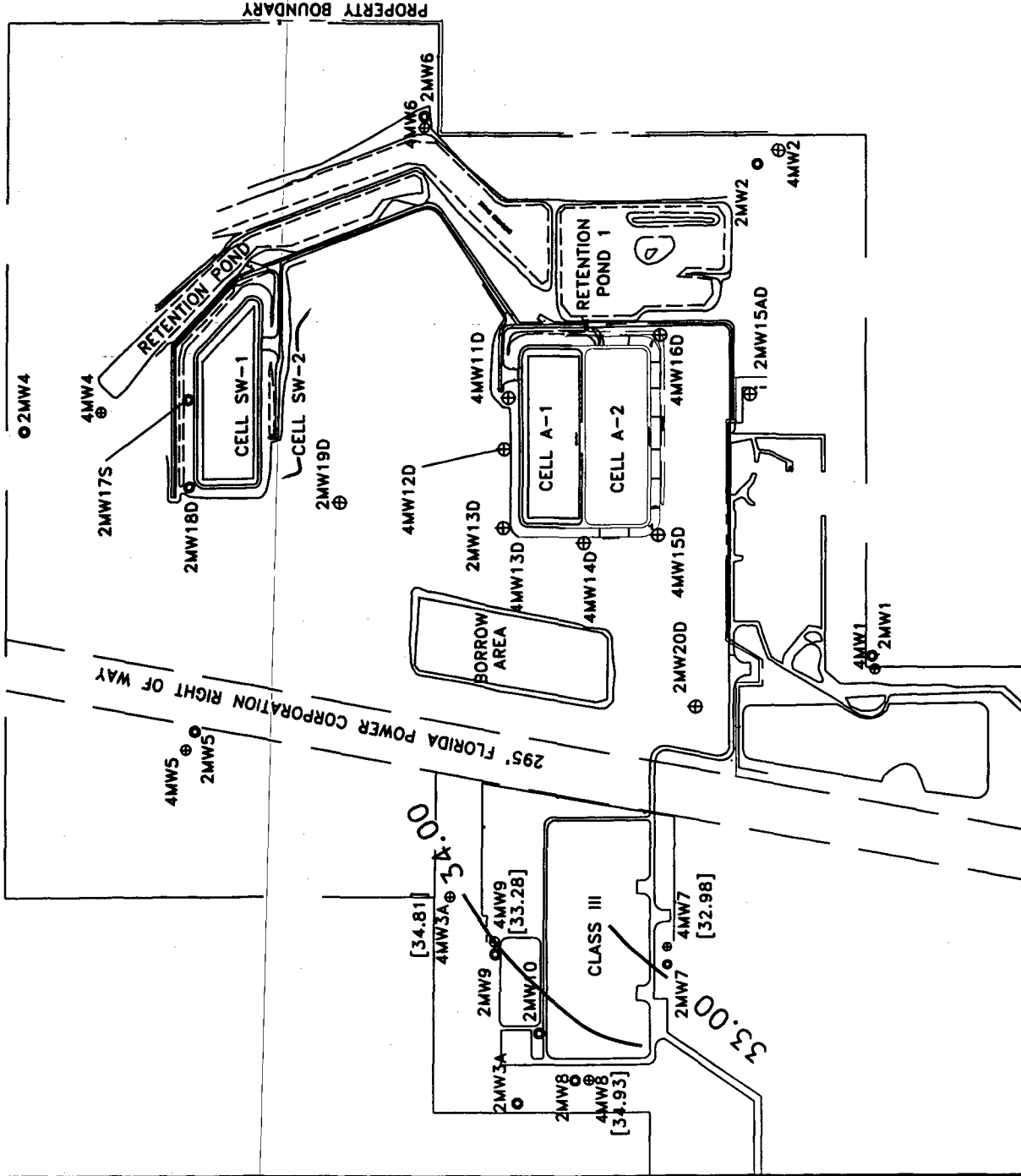
PG. 12 Reg 04

GROUNDWATER MONITORING
SURFICIAL AQUIFER WATER TABLE
YEAR 2004, QUARTER III
AUGUST 2004

Project 6515-04-0147 Figure 1



WEST PASCO CLASS III LANDFILL
PASCO COUNTY
BOARD OF COUNTY COMMISSIONERS
UTILITY SERVICES BRANCH
PASCO COUNTY, FLORIDA



EXPLANATION

- 4MW2
⊕ EXISTING GROUNDWATER MONITORING WELL AND DESIGNATION
- 2MW2
⊕ EXISTING GROUNDWATER MONITORING WELL AND DESIGNATION (4MW)
- (4MW)
4" PVC FLORIDAN AQUIFER WELL
- (2MW)
2" PVC SURFICIAL AQUIFER WELL
- [32.98]
GROUNDWATER ELEVATION (IN FEET, NGVD)
- 33.00-
GROUNDWATER CONTOUR LINE



Prepared/Date: SR 09/20/04
 Checked/Date: [Signature] 10/10/04
 PG FL Reg. No. 1338

GROUNDWATER MONITORING
 FLORIDAN AQUIFER
 PIEZOMETRIC SURFACE
 YEAR 2004, QUARTER III, AUG 2004
 Project 6515-04-0147 Figure 2



WEST PASCO CLASS III LANDFILL
 PASCO COUNTY
 BOARD OF COUNTY COMMISSIONERS
 UTILITY SERVICES BRANCH
 PASCO COUNTY, FLORIDA



PASCO COUNTY, FLORIDA

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

DHRS E44123
CONTACTS:
GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38858 SAMPLE ID 2MW3A @ CLASS III
DATE SAMPLED 8/24/04
DATE RECEIVED 8/24/04 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

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

ANALYSIS

Water Level

ANALYSIS							DET. LIMIT
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	
	8/24/04	11:15	CSC	DRY		Feet N.	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123



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BILL WARGO

REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38859
DATE SAMPLED 8/24/04
DATE RECEIVED 8/24/04
TIME RECEIVED 16:00
SAMPLE ID 4MW3A @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS	ANALYSIS						UNIT	DET. LIMIT
	METHOD	DATE	TIME	BY	RESULT	QUAL.		
Color by Observation	Observation	8/24/04	13:35	CSC	CLEAR			
Conductivity Field	SM2510B	8/24/04	13:35	CSC	546		umhos/	
Dissolved Oxygen Field	SM4500OG	8/24/04	13:35	CSC	0.60		mg/L	0.00
pH Field	SM4500HB	8/24/04	13:35	CSC	6.95		std unit	
Temperature Field	SM2550B	8/24/04	13:35	CSC	25.10		deg C	
Turbidity Field	SM2130B	8/24/04	13:35	CSC	0.7		NTU's	
Water Level		8/24/04	13:35	CSC	34.81		Feet N.	
Iron, Total, Flame	SM3111B	8/26/04	12:30	TER	0.30		mg/L	0.03
Mercury, Total, CVAA	SM3112B	8/31/04	10:00	TER	0.0010		mg/L	0.0005
Sodium, Total, Flame	SM3111B	8/27/04	9:50	TER	27.7		mg/L	0.10
Ammonia	SM4500NH3	9/1/04	7:30	IF	2.61		mg/L	0.08
Nitrate	SM4500NO3	8/27/04	8:00	IF	<0.03	U	mg/L	0.03

ANALYSIS COMMENTS:

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

Date: 9/2/04

SAMPLE NUMBER AA38859
DATE SAMPLED 8/24/04
DATE RECEIVED 8/24/04
TIME RECEIVED 16:00
SAMPLE ID 4MW3A @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS

Total Dissolved Solids
Chloride

ANALYSIS							DET.
METHOD	DATE	TIME	BY	RESULT	QUAL. UNIT	LIMIT	
SM2540C	8/26/04	16:45	JK	404	mg/L	17.3	
SM4500CLE	8/25/04	10:00	JK	82.4	mg/L	0.47	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38805
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 2MW7 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS

Water Level

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
	8/23/04	9:30	CSC	DRY		Feet N.	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38806
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 4MW7 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 11:45
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Color by Observation
Conductivity Field
Dissolved Oxygen Field
pH Field
Temperature Field
Turbidity Field
Water Level
Iron, Total, Flame
Mercury, Total, CVAA
Sodium, Total, Flame
Ammonia
Nitrate

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Observation	8/23/04	11:45	CSC	CLEAR			
SM2510B	8/23/04	11:45	CSC	268		umhos/	
SM4500OG	8/23/04	11:45	CSC	0.30		mg/L	0.00
SM4500HB	8/23/04	11:45	CSC	7.08		std unit	
SM2550B	8/23/04	11:45	CSC	25.10		deg C	
SM2130B	8/23/04	11:45	CSC	0.2		NTU's	
	8/23/04	11:45	CSC	32.98		Feet N.	
SM3111B	8/24/04	12:00	TER	0.11		mg/L	0.03
SM3112B	8/31/04	10:00	TER	<0.0005	U	mg/L	0.0005
SM3111B	8/27/04	9:50	TER	3.85		mg/L	0.10
SM4500NH3	9/1/04	7:30	IF	<0.08	U	mg/L	0.08
SM4500NO3	8/27/04	8:00	IF	<0.03	U	mg/L	0.03

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38806
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 4MW7 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 11:45
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Total Dissolved Solids
Chloride

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
SM2540C	8/23/04	16:30	JK	176		mg/L	17.3
SM4500CLE	8/25/04	10:00	JK	9.50		mg/L	0.47

ANALYSIS COMMENTS:

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**DHRS E44123
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BILL WARGO**

REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38807
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 2MW8 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

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

ANALYSIS

Water Level

ANALYSIS							DET. LIMIT
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	
	8/23/04	12:00	CSC	35.66		Feet N.	

ANALYSIS COMMENTS:

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REPORT OF ANALYSES

West Pasco
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Hays Road
Shady Hills, FL
John Power

Date: 9/2/04

SAMPLE NUMBER AA38808
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00
SAMPLE ID 4MW8 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 13:35
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Color by Observation
Conductivity Field
Dissolved Oxygen Field
pH Field
Temperature Field
Turbidity Field
Water Level
Iron, Total, Flame
Mercury, Total, CVAA
Sodium, Total, Flame
Ammonia
Nitrate

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Observation	8/23/04	13:35	CSC	CLEAR			
SM2510B	8/23/04	13:35	CSC	312		umhos/	
SM4500OG	8/23/04	13:35	CSC	0.20		mg/L	0.00
SM4500HB	8/23/04	13:35	CSC	6.93		std unit	
SM2550B	8/23/04	13:35	CSC	24.80		deg C	
SM2130B	8/23/04	13:35	CSC	0.5		NTU's	
	8/23/04	13:35	CSC	34.93		Feet N.	
SM3111B	8/24/04	12:00	TER	0.10		mg/L	0.03
SM3112B	8/31/04	10:00	TER	<0.0005	U	mg/L	0.0005
SM3111B	8/27/04	9:50	TER	4.47		mg/L	0.10
SM4500NH3	9/1/04	7:30	IF	<0.08	U	mg/L	0.08
SM4500NO3	8/27/04	8:00	IF	<0.03	U	mg/L	0.03

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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

Date: 9/2/04

SAMPLE NUMBER AA38808
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 4MW8 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 13:35
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Total Dissolved Solids
Chloride

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
SM2540C	8/23/04	16:30	JK	200		mg/L	17.3
SM4500CLE	8/25/04	10:00	JK	10.3		mg/L	0.47

ANALYSIS COMMENTS:

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BILL WARGO

REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38809 SAMPLE ID 2MW9 @ CLASS III
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 14:00
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Water Level

ANALYSIS							DET.
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
	8/23/04	14:00	CSC	39.57		Feet N.	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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

DHRS E44123
CONTACTS:
GLORIA KRUEGER
BILL WARGO

REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38810 SAMPLE ID 4MW9 @ CLASS III
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04 SAMPLER CSC
TIME RECEIVED 16:00 DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 15:10
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Color by Observation
Conductivity Field
Dissolved Oxygen Field
pH Field
Temperature Field
Turbidity Field
Water Level
Iron, Total, Flame
Mercury, Total, CVAA
Sodium, Total, Flame
Ammonia
Nitrate

ANALYSIS

METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Observation	8/23/04	15:10	CSC	CLEAR			
SM2510B	8/23/04	15:10	CSC	358		umhos/	
SM4500OG	8/23/04	15:10	CSC	0.20		mg/L	0.00
SM4500HB	8/23/04	15:10	CSC	6.88		std unit	
SM2550B	8/23/04	15:10	CSC	25.60		deg C	
SM2130B	8/23/04	15:10	CSC	1.2		NTU's	
	8/23/04	15:10	CSC	33.28		Feet N.	
SM3111B	8/24/04	12:00	TER	0.06		mg/L	0.03
SM3112B	8/31/04	10:00	TER	<0.0005	U	mg/L	0.0005
SM3111B	8/27/04	9:50	TER	5.86		mg/L	0.10
SM4500NH3	9/1/04	7:30	IF	<0.08	U	mg/L	0.08
SM4500NO3	8/27/04	8:00	IF	0.20		mg/L	0.03

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38810
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00

SAMPLE ID 4MW9 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 15:10
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Total Dissolved Solids
Chloride

ANALYSIS							DET.
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
SM2540C	8/23/04	16:30	JK	260		mg/L	17.3
SM4500CLE	8/25/04	10:00	JK	17.1		mg/L	0.47

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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REPORT OF ANALYSES

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

Date: 9/2/04

SAMPLE NUMBER AA38811
DATE SAMPLED 8/23/04
DATE RECEIVED 8/23/04
TIME RECEIVED 16:00
SAMPLE ID 2MW10 @ CLASS III
SAMPLER CSC
DELIVERED BY CSC

SAMPLE MATRIX GW
TIME SAMPLED 13:45
RECEIVED BY WW
SAMPLE TYPE
Pumped

ANALYSIS

Water Level

ANALYSIS							DET.
METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
	8/23/04	13:45	CSC	39.23		Feet N.	

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW3A

Lab Order: F04080884

Collection Date: 8/24/2004 1:35:00 PM

Project: West Pasco Class III Landfill

Sample Description:

Lab ID: F04080884-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
ANTIMONY BY GFAA								
		SW7041	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Antimony	0.00051	I	0.00035	0.0030	mg/L	1	08/31/04	21726
ICP METALS								
		SW6010	PrepDate: 8/27/2004 11:21:00		Analyst: JCO			
Arsenic	0.0020	U	0.0020	0.010	mg/L	1	09/08/04 01:14	21728
Barium	0.015		0.000074	0.010	mg/L	1	09/08/04 01:14	21728
Beryllium	0.00018	I	0.00012	0.0010	mg/L	1	09/08/04 01:14	21728
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	09/08/04 01:14	21728
Chromium	0.00060	U	0.00060	0.0050	mg/L	1	09/08/04 01:14	21728
Cobalt	0.0015	U	0.0015	0.010	mg/L	1	09/08/04 01:14	21728
Copper	0.00058	U	0.00058	0.0050	mg/L	1	09/08/04 01:14	21728
Lead	0.0018	U	0.0018	0.010	mg/L	1	09/08/04 01:14	21728
Nickel	0.0020	U	0.0020	0.0050	mg/L	1	09/08/04 01:14	21728
Selenium	0.0040	U	0.0040	0.015	mg/L	1	09/08/04 01:14	21728
Silver	0.0014	U	0.0014	0.0050	mg/L	1	09/09/04 16:20	21728
Vanadium	0.00040	U	0.00040	0.010	mg/L	1	09/08/04 01:14	21728
Zinc	0.0023	U	0.0023	0.020	mg/L	1	09/09/04 16:20	21728
THALLIUM BY GFAA								
		SW7841	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	08/31/04 20:50	21726
8011: EDB AND DBCP								
		SW8011	PrepDate: 8/30/2004 2:30:00 P		Analyst: EM			
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	08/31/04	21746
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	08/31/04	21746
Surr: 4-Bromofluorobenzene	118		0		%REC	1	08/31/04	21746

Data Qualifier Code Key:

* Value exceeds Maximum Contaminant Level

U Not Detected Above the MDL

I Analyte detected below quantitation limits

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW7

Lab Order: F04080883

Collection Date: 8/23/2004 11:45:00 AM

Project: West Pasco Class III Landfill

Sample Description:

Lab ID: F04080883-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
ANTIMONY BY GFAA								
		SW7041	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Antimony	0.00052	I	0.00035	0.0030	mg/L	1	08/31/04	21726
ICP METALS								
		SW6010	PrepDate: 8/27/2004 11:21:00		Analyst: JCO			
Arsenic	0.0020	U	0.0020	0.010	mg/L	1	09/08/04 01:04	21728
Barium	0.0062	I	0.000074	0.010	mg/L	1	09/08/04 01:04	21728
Beryllium	0.00022	I	0.00012	0.0010	mg/L	1	09/08/04 01:04	21728
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	09/08/04 01:04	21728
Chromium	0.00060	U	0.00060	0.0050	mg/L	1	09/08/04 01:04	21728
Cobalt	0.0015	U	0.0015	0.010	mg/L	1	09/08/04 01:04	21728
Copper	0.00058	U	0.00058	0.0050	mg/L	1	09/08/04 01:04	21728
Lead	0.0018	U	0.0018	0.010	mg/L	1	09/08/04 01:04	21728
Nickel	0.0020	U	0.0020	0.0050	mg/L	1	09/08/04 01:04	21728
Selenium	0.0040	U	0.0040	0.015	mg/L	1	09/08/04 01:04	21728
Silver	0.0014	U	0.0014	0.0050	mg/L	1	09/09/04 16:10	21728
Vanadium	0.0019	I	0.00040	0.010	mg/L	1	09/08/04 01:04	21728
Zinc	0.0023	U	0.0023	0.020	mg/L	1	09/09/04 16:10	21728
THALLIUM BY GFAA								
		SW7841	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	08/31/04 20:50	21726
8011: EDB AND DBCP								
		SW8011	PrepDate: 8/30/2004 2:30:00 P		Analyst: EM			
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	08/31/04	21746
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	08/31/04	21746
Surr: 4-Bromofluorobenzene	116		0		%REC	1	08/31/04	21746

Data Qualifier Code Key: I Analyte detected below quantitation limits

U Not Detected Above the MDL

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW8

Lab Order: F04080883

Collection Date: 8/23/2004 1:35:00 PM

Project: West Pasco Class III Landfill

Sample Description:

Lab ID: F04080883-002

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
ANTIMONY BY GFAA								
		SW7041	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Antimony	0.00035	U	0.00035	0.0030	mg/L	1	08/31/04	21726
ICP METALS								
		SW6010	PrepDate: 8/27/2004 11:21:00		Analyst: JCO			
Arsenic	0.0020	U	0.0020	0.010	mg/L	1	09/08/04 01:08	21728
Barium	0.0057	I	0.000074	0.010	mg/L	1	09/08/04 01:08	21728
Beryllium	0.00019	I	0.00012	0.0010	mg/L	1	09/08/04 01:08	21728
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	09/08/04 01:08	21728
Chromium	0.00060	U	0.00060	0.0050	mg/L	1	09/08/04 01:08	21728
Cobalt	0.0015	U	0.0015	0.010	mg/L	1	09/08/04 01:08	21728
Copper	0.00058	U	0.00058	0.0050	mg/L	1	09/08/04 01:08	21728
Lead	0.0018	U	0.0018	0.010	mg/L	1	09/08/04 01:08	21728
Nickel	0.0020	U	0.0020	0.0050	mg/L	1	09/08/04 01:08	21728
Selenium	0.0040	U	0.0040	0.015	mg/L	1	09/08/04 01:08	21728
Silver	0.0014	U	0.0014	0.0050	mg/L	1	09/09/04 16:13	21728
Vanadium	0.0011	I	0.00040	0.010	mg/L	1	09/08/04 01:08	21728
Zinc	0.0025	I	0.0023	0.020	mg/L	1	09/09/04 16:13	21728
THALLIUM BY GFAA								
		SW7841	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	08/31/04 20:50	21726
8011: EDB AND DBCP								
		SW8011	PrepDate: 8/30/2004 2:30:00 P		Analyst: EM			
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	08/31/04	21746
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	08/31/04	21746
Surr: 4-Bromofluorobenzene	101		0		%REC	1	08/31/04	21746

Data
Qualifier
Code Key:

I Analyte detected below quantitation limits

U Not Detected Above the MDL

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW9

Lab Order: F04080883

Collection Date: 8/23/2004 3:10:00 PM

Project: West Pasco Class III Landfill

Sample Description:

Lab ID: F04080883-003

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
ANTIMONY BY GFAA								
		SW7041	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Antimony	0.00035	U	0.00035	0.0030	mg/L	1	08/31/04	21726
ICP METALS								
		SW6010	PrepDate: 8/27/2004 11:21:00		Analyst: JCO			
Arsenic	0.0020	U	0.0020	0.010	mg/L	1	09/08/04 01:11	21728
Barium	0.0070	I	0.000074	0.010	mg/L	1	09/08/04 01:11	21728
Beryllium	0.00020	I	0.00012	0.0010	mg/L	1	09/08/04 01:11	21728
Cadmium	0.00024	U	0.00024	0.0010	mg/L	1	09/08/04 01:11	21728
Chromium	0.00060	U	0.00060	0.0050	mg/L	1	09/08/04 01:11	21728
Cobalt	0.0015	U	0.0015	0.010	mg/L	1	09/08/04 01:11	21728
Copper	0.00058	U	0.00058	0.0050	mg/L	1	09/08/04 01:11	21728
Lead	0.0018	U	0.0018	0.010	mg/L	1	09/08/04 01:11	21728
Nickel	0.0020	U	0.0020	0.0050	mg/L	1	09/08/04 01:11	21728
Selenium	0.0040	U	0.0040	0.015	mg/L	1	09/08/04 01:11	21728
Silver	0.0014	U	0.0014	0.0050	mg/L	1	09/09/04 16:17	21728
Vanadium	0.00081	I	0.00040	0.010	mg/L	1	09/08/04 01:11	21728
Zinc	0.0023	U	0.0023	0.020	mg/L	1	09/09/04 16:17	21728
THALLIUM BY GFAA								
		SW7841	PrepDate: 8/27/2004 10:44:00		Analyst: JCO			
Thallium	0.00025	U	0.00025	0.0010	mg/L	1	08/31/04 20:50	21726
8011: EDB AND DBCP								
		SW8011	PrepDate: 8/30/2004 2:30:00 P		Analyst: EM			
1,2-Dibromo-3-chloropropane	0.0041	U	0.0041	0.020	µg/L	1	08/31/04	21746
Ethylene Dibromide	0.0038	U	0.0038	0.010	µg/L	1	08/31/04	21746
Surr: 4-Bromofluorobenzene	128		0		%REC	1	08/31/04	21746

Data
Qualifier
Code Key:

I Analyte detected below quantitation limits

U Not Detected Above the MDL

PART III ANALYTICAL RESULTS

 Facility GMS #: 4051M30035

 Sampling Date/Time: 08/24/04 @ 1115

 Test Site ID #: 4051A16325

 Report Period: 2004 / Quarter III
(year/quarter)

 Well Name: 2MW-3A

 Well Purged (Y/N): YES

 Classification of Groundwater: Surficial

 Well Type: () Background
() Intermediate
(XXX) Compliance
() Other

 Groundwater Elevation (NGVD): Dry

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
000929	Sodium	"	"	SM 3111B		Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B		Dru mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000680	TOC	"	"	SM 5310B		Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/24/04 @ 1335

Test Site ID #: 4051A16325

Report Period: 2004 Quarter III

Well Name: 4MW-3A

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: (XXX) Background

() Intermediate

() Compliance

() Other

Groundwater Elevation (NGVD): 34.81

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500N ₃ F	08/27/04 0800	✓ <0.03 mg/L	0.11 mg/L 0.03
000929	Sodium	"	"	SM 3111B	08/27/04 0950	✓ 27.7 mg/L	0.1 mg/L 0.01
082079	Turbidity	"	"	SM 2130B	08/24/04 1335	0.7 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	08/25/04 1000	✓ 82.4 mg/L	0.47 mg/L 0.15
070300	Total Dis. Solids	"	"	SM 2540C	08/26/04 1645	✓ 404 mg/L	17.3 mg/L 1
000400	pH-Field	"	"	SM 4500H+B	08/24/04 1335	✓ 6.95 Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B	08/26/04 1230	✓ 0.30 mg/L	0.02 mg/L 0.005
071900	Mercury	"	"	SM 3112B	08/31/04 1000	✓ 0.0010 mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	09/01/04 0730	✓ 2.61 mg/L	0.08 mg/L 0.03
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	08/24/04 1335	✓ 25.10 °C	0 °C
000680	TOC	"	"	SM 5310B		mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	08/24/04 1335	✓ 546 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		mg/L	1 mg/L
072020	Water Level (MSL)	"	"		08/24/04 1335	✓ 34.81 Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 0930

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 2MW-7

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): Dry

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
000929	Sodium	"	"	SM 3111B		Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000680	TOC	"	"	SM 5310B		Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1145

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 4MW-7

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 32.98

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F	08/27/04 0800	<0.03 mg/L	0.11 mg/L 0.03
000929	Sodium	"	"	SM 3111B	08/27/04 0950	3.85 mg/L	0.1 mg/L 0.01
082079	Turbidity	"	"	SM 2130B	08/23/04 1145	0.2 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	08/25/04 1000	9.50 mg/L	0.47 mg/L 0.15
070300	Total Dis. Solids	"	"	SM 2540C	08/23/04 1630	176 mg/L	17.3 mg/L
000400	pH-Field	"	"	SM 4500H+B	08/23/04 1145	7.08 Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B	08/24/04 1200	0.11 mg/L	0.03 mg/L 0.02
071900	Mercury	"	"	SM 3112B	08/31/04 1000	<0.0005 mg/L	0.0005 mg/L 0.0002
000945	Sulfate	"	"	EPA 375.4		mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	09/01/04 0730	<0.08 mg/L	0.03 mg/L 0.03
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	08/23/04 1145	25.10 °C	0 °C
000680	TOC	"	"	SM 5310B		mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	08/23/04 1145	268 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		mg/L	1 mg/L
072020	Water Level (MSL)	"	"		08/23/04 1145	32.98 Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1200

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 2MW-8

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 35.66

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
000929	Sodium	"	"	SM 3111B		Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000680	TOC	"	"	SM 5310B		Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1335

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 4MW-8

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 34.93

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F	08/27/04 0800	<0.03 mg/L	0.11 mg/L 0.03
000929	Sodium	"	"	SM 3111B	08/27/04 0950	4.47 mg/L	0.1 mg/L 0.01
082079	Turbidity	"	"	SM 2130B	08/23/04 1335	0.5 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	08/25/04 1000	10.3 mg/L	0.47 mg/L 0.15
070300	Total Dis. Solids	"	"	SM 2540C	08/23/04 1630	200 mg/L	17.3 mg/L 1
000400	pH-Field	"	"	SM 4500H+B	08/23/04 1335	6.93 Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B	08/24/04 1200	0.10 mg/L	0.03 mg/L 0.02
071900	Mercury	"	"	SM 3112B	08/31/04 1000	<0.0005 mg/L	0.0005 mg/L 0.0002
000945	Sulfate	"	"	EPA 375.4		mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	09/01/04 0730	<0.08 mg/L	0.08 mg/L 0.03
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	08/23/04 1335	24.80 °C	0 °C
000680	TOC	"	"	SM 5310B		mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	08/23/04 1335	312 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		mg/L	1 mg/L
072020	Water Level (MSL)	"	"		08/23/04 1335	34.93 Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1400

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 2MW-9

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 39.57

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
000929	Sodium	"	"	SM 3111B		Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000680	TOC	"	"	SM 5310B		Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1510

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 4MW-9

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 33.28

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F	08/27/04 0800	0.20 mg/L	0.11 mg/L 0.03
000929	Sodium	"	"	SM 3111B	08/27/04 0950	5.86 mg/L	0.1 mg/L 0.01
082079	Turbidity	"	"	SM 2130B	08/23/04 1510	1.2 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B	08/25/04 1000	17.1 mg/L	0.47 mg/L 0.15
070300	Total Dis. Solids	"	"	SM 2540C	08/23/04 1630	260 mg/L	17.3 mg/L
000400	pH-Field	"	"	SM 4500H+B	08/23/04 1510	6.88 Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B	08/24/04 1200	0.06 mg/L	0.03 mg/L 0.02
071900	Mercury	"	"	SM 3112B	08/31/04 1000	<0.0005 mg/L	0.0005 mg/L 0.0002
000945	Sulfate	"	"	EPA 375.4		mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	09/01/04 0730	<0.08 mg/L	0.08 mg/L 0.03
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B	08/23/04 1510	25.60 °C	0 °C
000680	TOC	"	"	SM 5310B		mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	08/23/04 1510	358 µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		mg/L	1 mg/L
072020	Water Level (MSL)	"	"		08/23/04 1510	33.28 Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 08/23/04 @ 1345

Test Site ID #: 4051A16325

Report Period: 2004 / Quarter III
(year/quarter)

Well Name: 2MW-10

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

Well Type: () Background

() Intermediate

(XXX) Compliance

() Other

Groundwater Elevation (NGVD): 39.23

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results / Units	Detection Limits / Units
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
000929	Sodium	"	"	SM 3111B		Dry mg/L	0.01 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500C1-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
001045	Iron	"	"	SM 3113B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000945	Sulfate	"	"	EPA 375.4		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000612	NH ₄ -N	"	"	DEP SOP 10/03/83		Dry mg/L	0.02 mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000680	TOC	"	"	SM 5310B		Dry mg/L	0.5 mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.00 µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry mg/L	1 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

92303
Gunn
AF



PASCO COUNTY, FLORIDA

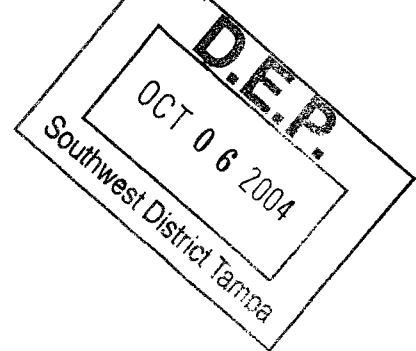
DADE CITY (352) 511-4274
LAND O' LAKES (813) 996-7341
NEW PORT RICHEY (727) 847-8145

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

04 October 2004

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

RE: West Pasco Class III Landfill
Groundwater Monitoring
Semester II, 2004



Dear Mr. Morris:

Enclosed please find the analytical results for the 8260 analytes (volatile organic compounds) conducted on samples collected from monitoring wells 4MW3A, 4MW7, 4MW8, and 4MW9 at the West Pasco Class III landfill for the second semester (Jul-Dec) sampling period. The remainder of the Appendix I analytes were previously submitted. Due to the extensive hurricane activity, problems were encountered by the contract laboratory with instrument set-up and recalibration and holding times. Therefore additional samples were needed to complete the Appendix I analysis. All associated Quality Assurance/Quality Control data is also included for all analyses.

If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1

cc: MS 4565, Florida Department of Environmental Protection, Solid Waste Section, Twin Towers
Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400
Bruce E. Kennedy, Acting Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW3A

Lab Order: F04090350

Collection Date: 9/13/2004 11:00:00 AM

Project: WP Class III/Resource Recovery

Sample Description: Resample

Lab ID: F04090350-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
B260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 9/17/2004		Analyst: LGO			
Acetone	3.7	U	3.7	10	µg/L	1	09/18/04 02:33	22152
Acrylonitrile	2.2	U	2.2	10	µg/L	1	09/18/04 02:33	22152
Benzene	0.23	U	0.23	1.0	µg/L	1	09/18/04 02:33	22152
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	09/18/04 02:33	22152
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	09/18/04 02:33	22152
Bromoform	0.28	U	0.28	1.0	µg/L	1	09/18/04 02:33	22152
Bromomethane	0.60	U	0.60	1.0	µg/L	1	09/18/04 02:33	22152
2-Butanone	1.8	U	1.8	10	µg/L	1	09/18/04 02:33	22152
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	09/18/04 02:33	22152
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	09/18/04 02:33	22152
Chlorobenzene	0.15	U	0.15	1.0	µg/L	1	09/18/04 02:33	22152
Chloroethane	0.51	U	0.51	1.0	µg/L	1	09/18/04 02:33	22152
Chloroform	0.23	U	0.23	1.0	µg/L	1	09/18/04 02:33	22152
Chloromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 02:33	22152
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	09/18/04 02:33	22152
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	09/18/04 02:33	22152
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	09/18/04 02:33	22152
1,2-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 02:33	22152
1,4-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 02:33	22152
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	09/18/04 02:33	22152
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	09/18/04 02:33	22152
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	09/18/04 02:33	22152
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 02:33	22152
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 02:33	22152
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	09/18/04 02:33	22152
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	09/18/04 02:33	22152
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	09/18/04 02:33	22152
Ethylbenzene	0.20	U	0.20	1.0	µg/L	1	09/18/04 02:33	22152
2-Hexanone	0.28	U	0.28	10	µg/L	1	09/18/04 02:33	22152
Iodomethane	0.52	U	0.52	1.0	µg/L	1	09/18/04 02:33	22152
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	09/18/04 02:33	22152
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	09/18/04 02:33	22152
Styrene	0.12	U	0.12	1.0	µg/L	1	09/18/04 02:33	22152
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	09/18/04 02:33	22152
1,1,1,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	09/18/04 02:33	22152
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 02:33	22152

Data * Value exceeds Maximum Contaminant Level

I Analyte detected below quantitation limits

Qualifier U Not Detected Above the MDL

V Analyte detected in the associated Method Blank

Code.Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW3A

Lab Order: F04090350

Collection Date: 9/13/2004 11:00:00 AM

Project: WP Class III/Resource Recovery

Sample Description: Resample

Lab ID: F04090350-001

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 9/17/2004		Analyst: LGO			
Toluene	0.35	U	0.35	1.0	µg/L	1	09/18/04 02:33	22152
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	09/18/04 02:33	22152
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	09/18/04 02:33	22152
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	09/18/04 02:33	22152
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 02:33	22152
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	09/18/04 02:33	22152
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	09/18/04 02:33	22152
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	09/18/04 02:33	22152
Xylenes, Total	0.32	U	0.32	1.0	µg/L	1	09/18/04 02:33	22152
Surr: 4-Bromofluorobenzene	96.5		0	74-137	%REC	1	09/18/04 02:33	22152
Surr: Dibromofluoromethane	95.2		0	71-126	%REC	1	09/18/04 02:33	22152
Surr: Toluene-d8	93.1		0	78-125	%REC	1	09/18/04 02:33	22152
Surr: 1,2-Dichloroethane-d4	94.3		0	70-130	%REC	1	09/18/04 02:33	22152

Data
Qualifier
Code Key:

* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW7

Lab Order: F04090350

Collection Date: 9/13/2004 9:30:00 AM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-002

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS			SW8260	PrepDate: 9/17/2004		Analyst: LGO		
Acetone	3.7	U	3.7	10	µg/L	1	09/18/04 03:04	22152
Acrylonitrile	2.2	U	2.2	10	µg/L	1	09/18/04 03:04	22152
Benzene	0.23	U	0.23	1.0	µg/L	1	09/18/04 03:04	22152
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	09/18/04 03:04	22152
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	09/18/04 03:04	22152
Bromoform	0.28	U	0.28	1.0	µg/L	1	09/18/04 03:04	22152
Bromomethane	0.60	U	0.60	1.0	µg/L	1	09/18/04 03:04	22152
2-Butanone	1.8	U	1.8	10	µg/L	1	09/18/04 03:04	22152
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	09/18/04 03:04	22152
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	09/18/04 03:04	22152
Chlorobenzene	0.15	U	0.15	1.0	µg/L	1	09/18/04 03:04	22152
Chloroethane	0.51	U	0.51	1.0	µg/L	1	09/18/04 03:04	22152
Chloroform	0.23	U	0.23	1.0	µg/L	1	09/18/04 03:04	22152
Chloromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 03:04	22152
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	09/18/04 03:04	22152
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	09/18/04 03:04	22152
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	09/18/04 03:04	22152
1,2-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 03:04	22152
1,4-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 03:04	22152
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	09/18/04 03:04	22152
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	09/18/04 03:04	22152
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	09/18/04 03:04	22152
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 03:04	22152
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 03:04	22152
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	09/18/04 03:04	22152
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	09/18/04 03:04	22152
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	09/18/04 03:04	22152
Ethylbenzene	0.20	U	0.20	1.0	µg/L	1	09/18/04 03:04	22152
2-Hexanone	0.28	U	0.28	10	µg/L	1	09/18/04 03:04	22152
Iodomethane	0.52	U	0.52	1.0	µg/L	1	09/18/04 03:04	22152
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	09/18/04 03:04	22152
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	09/18/04 03:04	22152
Styrene	0.12	U	0.12	1.0	µg/L	1	09/18/04 03:04	22152
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	09/18/04 03:04	22152
1,1,2,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	09/18/04 03:04	22152
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 03:04	22152

Data * Value exceeds Maximum Contaminant Level

I Analyte detected below quantitation limits

Qualifier U Not Detected Above the MDL

V Analyte detected in the associated Method Blank

Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW7

Lab Order: F04090350

Collection Date: 9/13/2004 9:30:00 AM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-002

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
B260: VOLATILE ORGANIC COMPOUNDS			SW8260	PrepDate: 9/17/2004		Analyst: LGO		
Toluene	0.35	U	0.35	1.0	µg/L	1	09/18/04 03:04	22152
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	09/18/04 03:04	22152
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	09/18/04 03:04	22152
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	09/18/04 03:04	22152
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 03:04	22152
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	09/18/04 03:04	22152
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	09/18/04 03:04	22152
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	09/18/04 03:04	22152
Xylenes, Total	0.32	U	0.32	1.0	µg/L	1	09/18/04 03:04	22152
Surr: 4-Bromofluorobenzene	94.8		0	74-137	%REC	1	09/18/04 03:04	22152
Surr: Dibromofluoromethane	96.0		0	71-126	%REC	1	09/18/04 03:04	22152
Surr: Toluene-d8	93.6		0	78-125	%REC	1	09/18/04 03:04	22152
Surr: 1,2-Dichloroethane-d4	92.6		0	70-130	%REC	1	09/18/04 03:04	22152

Data
Qualifier
Code Key:

* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW8

Lab Order: F04090350

Collection Date: 9/13/2004 10:30:00 AM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-003

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
3260: VOLATILE ORGANIC COMPOUNDS			SW8260	PrepDate: 9/17/2004		Analyst: LGO		
Acetone	3.7	U	3.7	10	µg/L	1	09/18/04 04:37	22152
Acrylonitrile	2.2	U	2.2	10	µg/L	1	09/18/04 04:37	22152
Benzene	0.23	U	0.23	1.0	µg/L	1	09/18/04 04:37	22152
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	09/18/04 04:37	22152
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	09/18/04 04:37	22152
Bromoform	0.28	U	0.28	1.0	µg/L	1	09/18/04 04:37	22152
Bromomethane	0.60	U	0.60	1.0	µg/L	1	09/18/04 04:37	22152
2-Butanone	1.8	U	1.8	10	µg/L	1	09/18/04 04:37	22152
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	09/18/04 04:37	22152
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	09/18/04 04:37	22152
Chlorobenzene	0.15	U	0.15	1.0	µg/L	1	09/18/04 04:37	22152
Chloroethane	0.51	U	0.51	1.0	µg/L	1	09/18/04 04:37	22152
Chloroform	0.23	U	0.23	1.0	µg/L	1	09/18/04 04:37	22152
Chloromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 04:37	22152
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	09/18/04 04:37	22152
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	09/18/04 04:37	22152
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	09/18/04 04:37	22152
1,2-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 04:37	22152
1,4-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 04:37	22152
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	09/18/04 04:37	22152
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	09/18/04 04:37	22152
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	09/18/04 04:37	22152
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 04:37	22152
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 04:37	22152
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	09/18/04 04:37	22152
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	09/18/04 04:37	22152
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	09/18/04 04:37	22152
Ethylbenzene	0.20	U	0.20	1.0	µg/L	1	09/18/04 04:37	22152
2-Hexanone	0.28	U	0.28	10	µg/L	1	09/18/04 04:37	22152
Iodomethane	0.52	U	0.52	1.0	µg/L	1	09/18/04 04:37	22152
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	09/18/04 04:37	22152
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	09/18/04 04:37	22152
Styrene	0.12	U	0.12	1.0	µg/L	1	09/18/04 04:37	22152
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	09/18/04 04:37	22152
1,1,1,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	09/18/04 04:37	22152
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 04:37	22152

Data * Value exceeds Maximum Contaminant Level
 Qualifier U Not Detected Above the MDL
 Code Key:

I Analyte detected below quantitation limits
 V Analyte detected in the associated Method Blank

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW8

Lab Order: F04090350

Collection Date: 9/13/2004 10:30:00 AM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-003

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
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3260: VOLATILE ORGANIC COMPOUNDS

SW8260

PrepDate: 9/17/2004

Analyst: LGO

Toluene	0.35	U	0.35	1.0	µg/L	1	09/18/04 04:37	22152
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	09/18/04 04:37	22152
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	09/18/04 04:37	22152
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	09/18/04 04:37	22152
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 04:37	22152
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	09/18/04 04:37	22152
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	09/18/04 04:37	22152
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	09/18/04 04:37	22152
Xylenes, Total	0.32	U	0.32	1.0	µg/L	1	09/18/04 04:37	22152
Surr: 4-Bromofluorobenzene	94.6		0	74-137	%REC	1	09/18/04 04:37	22152
Surr: Dibromofluoromethane	94.9		0	71-126	%REC	1	09/18/04 04:37	22152
Surr: Toluene-d8	96.7		0	78-125	%REC	1	09/18/04 04:37	22152
Surr: 1,2-Dichloroethane-d4	95.4		0	70-130	%REC	1	09/18/04 04:37	22152

Data
Qualifier
Code Key:

* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: 4MW9

Lab Order: F04090350

Collection Date: 9/13/2004 10:00:00 AM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-004

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
3260: VOLATILE ORGANIC COMPOUNDS			SW8260	PrepDate: 9/17/2004		Analyst: LGO		
Acetone	3.7	U	3.7	10	µg/L	1	09/18/04 05:09	22152
Acrylonitrile	2.2	U	2.2	10	µg/L	1	09/18/04 05:09	22152
Benzene	0.23	U	0.23	1.0	µg/L	1	09/18/04 05:09	22152
Bromochloromethane	0.21	U	0.21	1.0	µg/L	1	09/18/04 05:09	22152
Bromodichloromethane	0.26	U	0.26	0.60	µg/L	1	09/18/04 05:09	22152
Bromoform	0.28	U	0.28	1.0	µg/L	1	09/18/04 05:09	22152
Bromomethane	0.60	U	0.60	1.0	µg/L	1	09/18/04 05:09	22152
2-Butanone	1.8	U	1.8	10	µg/L	1	09/18/04 05:09	22152
Carbon disulfide	0.49	U	0.49	1.0	µg/L	1	09/18/04 05:09	22152
Carbon tetrachloride	0.29	U	0.29	1.0	µg/L	1	09/18/04 05:09	22152
Chlorobenzene	0.15	U	0.15	1.0	µg/L	1	09/18/04 05:09	22152
Chloroethane	0.51	U	0.51	1.0	µg/L	1	09/18/04 05:09	22152
Chloroform	0.23	U	0.23	1.0	µg/L	1	09/18/04 05:09	22152
Chloromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 05:09	22152
Dibromochloromethane	0.19	U	0.19	0.50	µg/L	1	09/18/04 05:09	22152
Dibromomethane	0.30	U	0.30	1.0	µg/L	1	09/18/04 05:09	22152
trans-1,4-Dichloro-2-butene	0.64	U	0.64	10	µg/L	1	09/18/04 05:09	22152
1,2-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 05:09	22152
1,4-Dichlorobenzene	0.19	U	0.19	1.0	µg/L	1	09/18/04 05:09	22152
1,1-Dichloroethane	0.26	U	0.26	1.0	µg/L	1	09/18/04 05:09	22152
1,2-Dichloroethane	0.19	U	0.19	1.0	µg/L	1	09/18/04 05:09	22152
1,1-Dichloroethene	0.40	U	0.40	1.0	µg/L	1	09/18/04 05:09	22152
cis-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 05:09	22152
trans-1,2-Dichloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 05:09	22152
1,2-Dichloropropane	0.33	U	0.33	1.0	µg/L	1	09/18/04 05:09	22152
cis-1,3-Dichloropropene	0.23	U	0.23	0.50	µg/L	1	09/18/04 05:09	22152
trans-1,3-Dichloropropene	0.25	U	0.25	0.50	µg/L	1	09/18/04 05:09	22152
Ethylbenzene	0.20	U	0.20	1.0	µg/L	1	09/18/04 05:09	22152
2-Hexanone	0.28	U	0.28	10	µg/L	1	09/18/04 05:09	22152
Iodomethane	0.52	U	0.52	1.0	µg/L	1	09/18/04 05:09	22152
4-Methyl-2-pentanone	0.26	U	0.26	10	µg/L	1	09/18/04 05:09	22152
Methylene chloride	2.0	U	2.0	5.0	µg/L	1	09/18/04 05:09	22152
Styrene	0.12	U	0.12	1.0	µg/L	1	09/18/04 05:09	22152
1,1,1,2-Tetrachloroethane	0.24	U	0.24	1.0	µg/L	1	09/18/04 05:09	22152
1,1,1,2,2-Tetrachloroethane	0.44	U	0.44	0.50	µg/L	1	09/18/04 05:09	22152
Tetrachloroethene	0.17	U	0.17	1.0	µg/L	1	09/18/04 05:09	22152

Data * Value exceeds Maximum Contaminant Level

I Analyte detected below quantitation limits

Qualifier U Not Detected Above the MDL

V Analyte detected in the associated Method Blank

Code Key:

Analytical Report

CLIENT: Pasco County Environmental Laboratory
 Lab Order: F04090350
 Project: WP Class III/Resource Recovery
 Lab ID: F04090350-004

Client Sample ID: 4MW9
 Collection Date: 9/13/2004 10:00:00 AM
 Sample Description:
 Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
8260: VOLATILE ORGANIC COMPOUNDS		SW8260	PrepDate: 9/17/2004		Analyst: LGO			
Toluene	0.35	U	0.35	1.0	µg/L	1	09/18/04 05:09	22152
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	09/18/04 05:09	22152
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	09/18/04 05:09	22152
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	09/18/04 05:09	22152
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	09/18/04 05:09	22152
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	09/18/04 05:09	22152
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	09/18/04 05:09	22152
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	09/18/04 05:09	22152
Xylenes, Total	0.32	U	0.32	1.0	µg/L	1	09/18/04 05:09	22152
Surr: 4-Bromofluorobenzene	93.6		0	74-137	%REC	1	09/18/04 05:09	22152
Surr: Dibromofluoromethane	91.0		0	71-126	%REC	1	09/18/04 05:09	22152
Surr: Toluene-d8	89.6		0	78-125	%REC	1	09/18/04 05:09	22152
Surr: 1,2-Dichloroethane-d4	89.4		0	70-130	%REC	1	09/18/04 05:09	22152

Data * Value exceeds Maximum Contaminant Level
 Qualifier U Not Detected Above the MDL
 Code Key:

I Analyte detected below quantitation limits
 V Analyte detected in the associated Method Blank

Analytical Report

CLIENT: Pasco County Environmental Laboratory

Client Sample ID: Trip Blank

Lab Order: F04090350

Collection Date: 9/15/2004 6:00:00 PM

Project: WP Class III/Resource Recovery

Sample Description:

Lab ID: F04090350-008

Matrix: Groundwater

Analyses	Result	Qual	MDL	RL	Units	DF	Date Analyzed	Batch ID
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8260: VOLATILE ORGANIC COMPOUNDS

SW8260

PrepDate: 9/21/2004

Analyst: LGO

Toluene	0.35	U	0.35	1.0	µg/L	1	09/21/04 15:37	22211
1,1,1-Trichloroethane	0.33	U	0.33	1.0	µg/L	1	09/21/04 15:37	22211
1,1,2-Trichloroethane	0.17	U	0.17	1.0	µg/L	1	09/21/04 15:37	22211
Trichloroethene	0.27	U	0.27	1.0	µg/L	1	09/21/04 15:37	22211
Trichlorofluoromethane	0.50	U	0.50	1.0	µg/L	1	09/21/04 15:37	22211
1,2,3-Trichloropropane	0.24	U	0.24	0.50	µg/L	1	09/21/04 15:37	22211
Vinyl acetate	0.46	U	0.46	2.0	µg/L	1	09/21/04 15:37	22211
Vinyl chloride	0.43	U	0.43	1.0	µg/L	1	09/21/04 15:37	22211
Xylenes, Total	0.32	U	0.32	1.0	µg/L	1	09/21/04 15:37	22211
Surr: 4-Bromofluorobenzene	96.2		0	74-137	%REC	1	09/21/04 15:37	22211
Surr: Dibromofluoromethane	96.4		0	71-126	%REC	1	09/21/04 15:37	22211
Surr: Toluene-d8	96.2		0	78-125	%REC	1	09/21/04 15:37	22211
Surr: 1,2-Dichloroethane-d4	95.7		0	70-130	%REC	1	09/21/04 15:37	22211

Data
Qualifier
Code Key:

* Value exceeds Maximum Contaminant Level
U Not Detected Above the MDL

I Analyte detected below quantitation limits
V Analyte detected in the associated Method Blank