



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

19 Nov 1997

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

RE: West Pasco Class I Landfill  
Groundwater Monitoring  
Semester II, 1997

Dear Ms. Amram:

Enclosed please find the groundwater monitoring analyses from monitoring wells 2MW1, 2MW2, 2MW4, 2MW5, 2MW6, 4MW1, 4MW2, 4MW4, 4MW5 and 4MW6 at the West Pasco Class I landfill for the second semester (July-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.

Groundwater monitoring wells 2MW2, 4MW1, and 4MW2 exceeded the MCL for various analytes as listed in the attached groundwater exceedence summary table. The results of resamples taken at these wells are also indicated on the summary table. The original reports of the confirmation samples are included for your records. Finally, a groundwater contour map for this site is included.

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

Sincerely,

Candia E. Mulhern  
Laboratory Manager

Enc.: 1

cc: Chongman Lee, Florida Department of Environmental Protection, Waste Management Section, Twin Towers  
Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400  
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)  
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director  
Vincent Mannella, Solid Waste Facility Manager

RESOURCE RECOVERY FACIL  
4051C00030

## PASCO COUNTY, FLORIDA

WACS 45799  
2<sup>nd</sup> SEMI-ANNUAL 1997 G-WMR CLASS I

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

RECEIVED

NOV 24 1997

Solid Waste Section

DEP Form # 62-522.600(2)  
 Form Title GROUND WATER MONITORING REPORT  
 Effective Date \_\_\_\_\_  
 DEP Application No. \_\_\_\_\_

Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Resource Recovery - West Pasco Class I Landfill  
 Address Hays Road  
 City Hudson, Florida Zip 34610  
 Telephone Number (      ) \_\_\_\_\_

(2) The GMS Identification Number 4051C00030

(3) DEP Permit Number PA87-23

(4) Authorized Representative Name Candia E. Mulhern  
 Address 8864 Government Drive  
 City New Port Richey, Florida Zip 34654  
 Telephone Number ( 813 ) 847-8902

(5) Type of Discharge Landfill

(6) Method of Discharge Unknown

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Date: 08/09/97   
 Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # \_\_\_\_\_

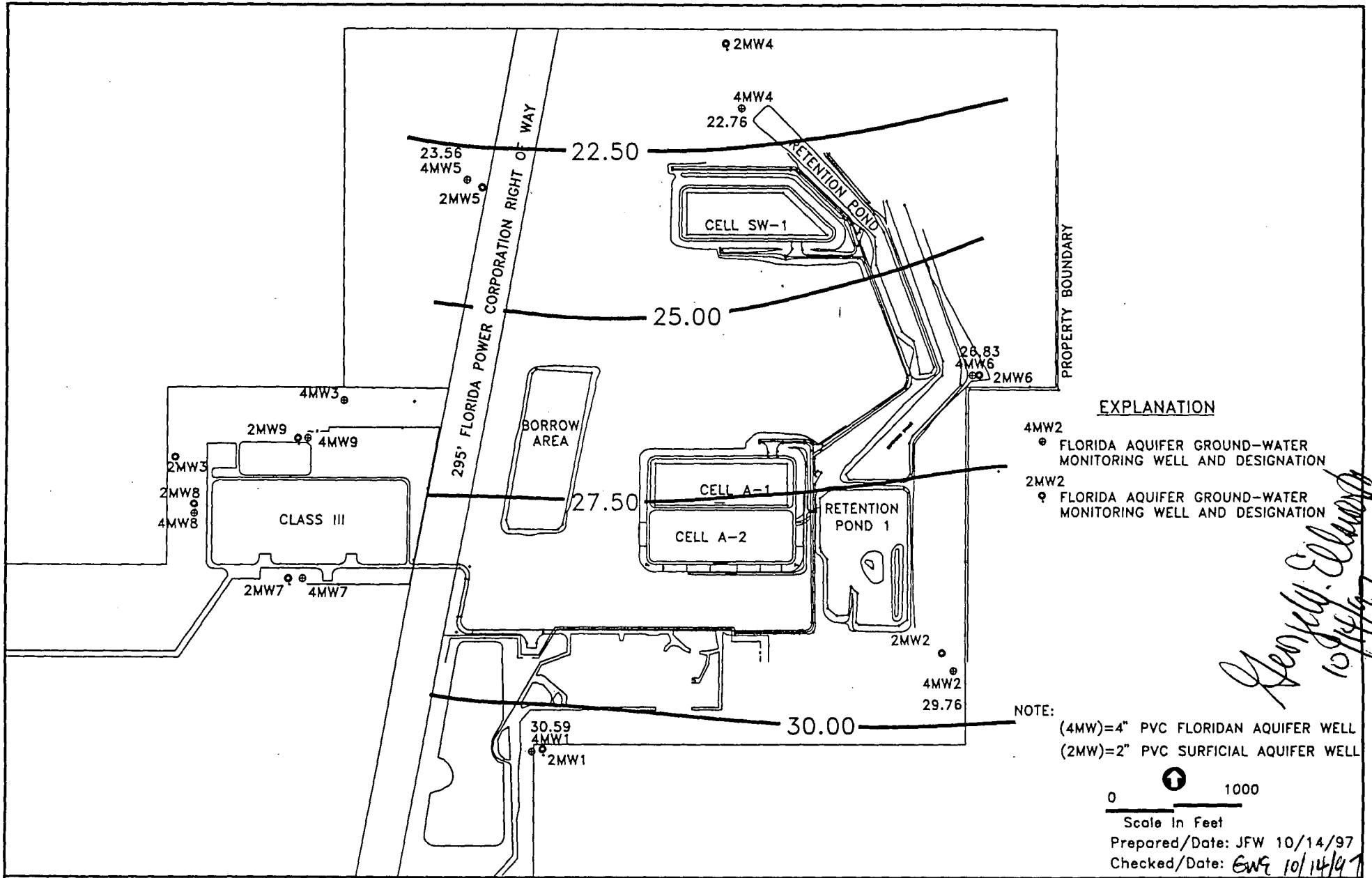
Analytical Lab Comp QAP #/HRS Certification # 870167 G/7 54237, E44123  
\*Comp QAP #/HRS Certification # 870202 G Potable BTL #1-86173 & 86418 Env. 86035

Lab Name Pasco County Environmental Laboratory  
 Address 8864 Government Drive, New Port Richey, FL 34654  
 Phone Number ( 813 ) 847-8902

**WEST PASCO CLASS I LANDFILL  
EXCEEDED ANALYTES  
SEMESTER II - 1997**

<b>WELL</b>	<b>ANALYTE</b>	<b>RESULT (mg/L)</b>	<b>RESAMPLE (mg/L)</b>
2MW2	IRON	0.66	NONE TAKEN
	NITRATE	13.5	14.3
4MW1	CHLORIDE	581	474
	TDS	1475	NONE TAKEN
	cis-1,2,-DI- CHLOROETHENE	0.081	<0.000253
	1,1,1,2 TETRA- CHLOROETHANE	0.0251	<0.000192
	1,1,2 TRICHLORO- ETHANE	0.0223	<0.000115
	XYLENES	0.0148	<0.000108
	COBALT	0.011	NONE TAKEN

ACAD=41508692



*Handwritten signature: Geoffrey Edwards*  
 10/14/97

West Pasco Class I Landfill  
 Pasco County  
 Board of County Commissioners  
 Utility Services Branch  
 Pasco County, Florida



**LAW**  
 ENGINEERING AND ENVIRONMENTAL  
 SERVICES

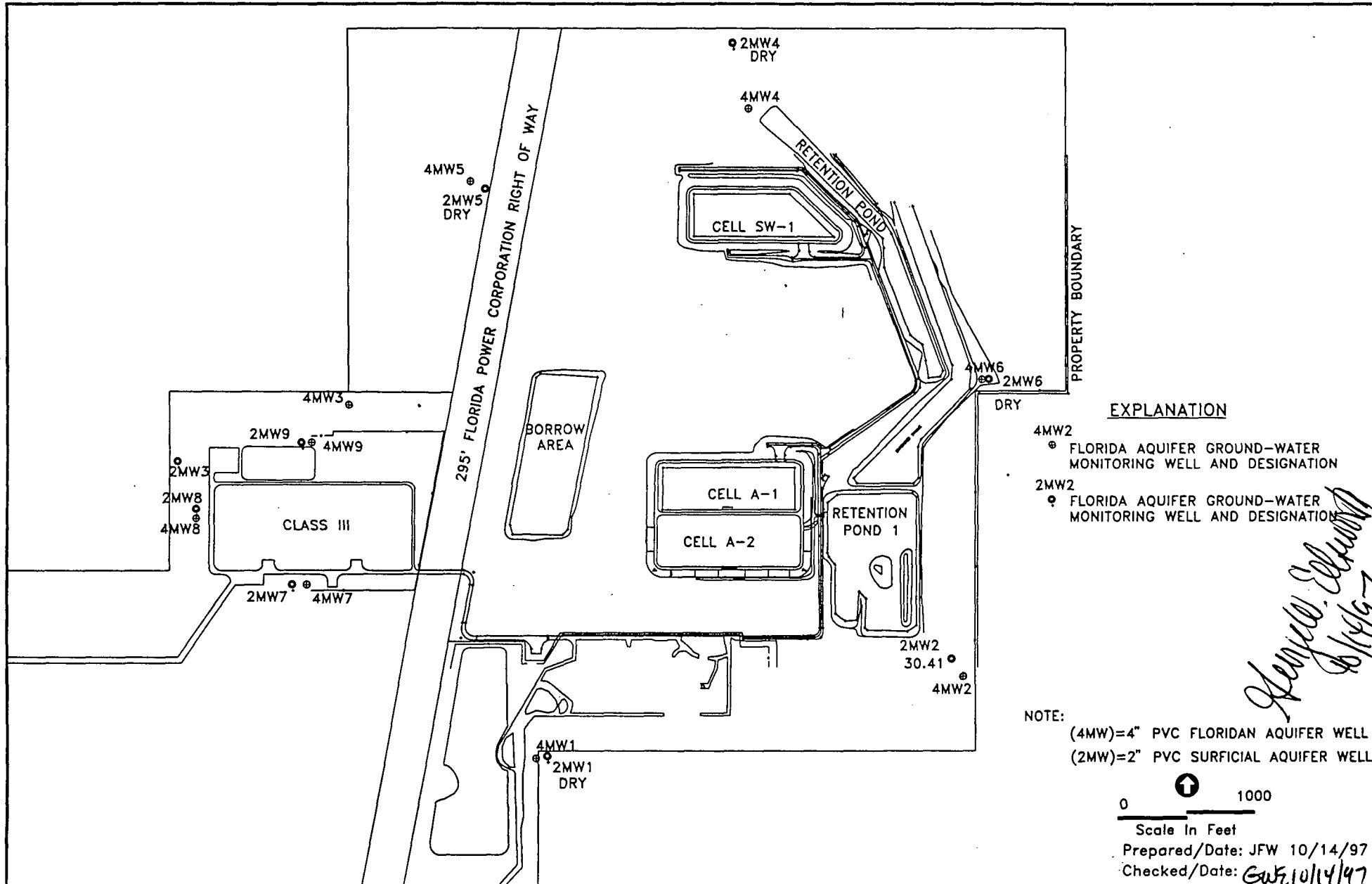
Ground-Water Monitoring

Floridan Aquifer Potentiometric Surface Map  
 JULY 1997

Project 40141-5-0869

Figure 2

ACAD=41508692



**EXPLANATION**

- 4MW2 FLORIDA AQUIFER GROUND-WATER MONITORING WELL AND DESIGNATION
- 2MW2 FLORIDA AQUIFER GROUND-WATER MONITORING WELL AND DESIGNATION

NOTE:  
 (4MW)=4" PVC FLORIDAN AQUIFER WELL  
 (2MW)=2" PVC SURFICIAL AQUIFER WELL



Prepared/Date: JFW 10/14/97  
 Checked/Date: *GW 5/10/14/97*

*Approved: [Signature]  
 5/14/97*

West Pasco Class I Landfill  
 Pasco County  
 Board of County Commissioners  
 Utility Services Branch  
 Pasco County, Florida



**LAW**  
 ENGINEERING AND ENVIRONMENTAL  
 SERVICES

Ground-Water Monitoring

Surficial Aquifer Water Table Map  
 JULY 1997

Project 40141-5-0869

Figure 1

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 07/16/97 @ 1200  
 Test Site ID #: 4051A16507 Report Period: 1997 / Quarter III  
 (year/quarter)  
 Well Name: 2MW-2 Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: ( ) Background  
 ( ) Intermediate  
 (XXX) Compliance  
 ( ) Other  
 Groundwater Elevation (NGVD): \_\_\_\_\_  
 or (MSL): 30.41

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	3.30 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.66 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/06/97 1445	0.0006 mg/L	0.0005 mg/L
000400	pH-Field	"	"	EPA 150.1	07/16/97 1200	5.96 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/16/97 1200	25.8 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/16/97 1200	152 μmhos/cm	0.0 μmhos/cm
000344	D.O. (Feld)	"	"	SM 45000G	07/16/97 1200	3.4 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/16/97 1510	11.09 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	5.52 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	140 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<0.03 mg/L	0.15 mg/L
000620	Nitrate	"	"	EPA 353.2	07/16/97 1600	13.5 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	-	- MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/16/97 1200	30.41 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058001/2mw2

FCEL LAB # 9707-199

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 16, 1997 / 1200 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 2mw2 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0049	0.0013
01000	Arsenic			EPA 206.2	7-18-97	0.0025	0.00074
01005	Barium			EPA 200.7	7-25-97	0.077	0.0048
01010	Beryllium			EPA 200.7	7-21-97	0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	0.00073	0.000068
01030	Chromium			EPA 200.7	7-29-97	0.036	0.022
01035	Cobalt			EPA 200.7	9-04-97	0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.036	0.0029
01049	Lead			EPA 239.2	7-21-97	0.00091	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.052	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0016	0.0016
01075	Silver			EPA 200.7	7-21-97	0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	0.015	0.003



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
(813) 847-8902

## REPORT OF ANALYSES

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

6587

PROJECT NAME: RR GWM QIII 97  
DATE: 07/23/97  
DHRS # 44237, E44123

SAMPLE NUMBER- 58703 SAMPLE ID- 2MW-2  
DATE SAMPLED- 07/18/97 LOCATION-  
DATE RECEIVED- 07/18/97 SAMPLER- CHRIS CHILDRESS  
TIME RECEIVED- 1345 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW  
TIME SAMPLED- 0945  
RECEIVED BY- TER

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS
		DATE	TIME	BY	
WATER LEVEL	FIELD	07/18/97	0945	CHR	30.41 FEET
FIELD PH	EPA 150.1	07/18/97	0945	CHR	5.45 STD. UNITS
FIELD TEMPERATURE	SM2550B	07/18/97	0945	CHR	25.4 DEGREES C
FIELD CONDUCTIVITY	SM2510B	07/18/97	0945	CHR	151 umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G	07/18/97	0945	CHR	3.0 mg/L
NITRATE	EPA 353.2	07/18/97	1500	IF	14.3 mg/L

LABORATORY DIRECTOR



PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 07/16/97 @ 1030  
 Test Site ID #: 4051A16511 Report Period: 1997 / Quarter III  
 (year/quarter)  
 Well Name: 4MW-1 Well Purged (Y/N): YES  
 Classification of Groundwater: Floridan Well Type: (XXX) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 ( ) Other  
 or (MSL): 30.59

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	110 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.06 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/06/97 1445	0.0006 mg/L	0.0002 mg/L
000400	pH-Field	"	"	EPA 150.1	07/16/97 1030	6.90 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/16/97 1030	25.0 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/16/97 1030	1,820 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Feld)	"	"	SM 45000G	07/16/97 1030	0.6 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/16/97 1510	0.18 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	07/21/97 1000	581 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	1,475 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	EPA 353.2	07/16/97 1600	1.16 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	—	— MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/16/97 1030	30.59 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 105800 /4mw1

FCEL LAB # 9707-196

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 16, 1997 / 1030 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 4mw1 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0054	0.0013
01000	Arsenic			EPA 206.2	7-18-97	0.0038	0.00074
01005	Barium			EPA 200.7	7-25-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	7-21-97	< 0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-29-97	< 0.022	0.022
01035	Cobalt			EPA 200.7	9-04-97	< 0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.013	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.037	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0042	0.0016
01075	Silver			EPA 200.7	7-21-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	< 0.003	0.003

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 105800 /4mw1

FCEL LAB # 9707-196

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered		Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
			(Y)	(N)				
81552	Acetone				EPA 8260A	7-21-97	< 0.330	0.330
34215	Acrylonitrile				EPA 8260A	7-21-97	< 0.483	0.483
34235	Benzene				EPA 8260A	7-21-97	< 0.147	0.147
N/A	Bromochloromethane				EPA 8260A	7-21-97	< 0.300	0.300
32101	Bromodichloromethane				EPA 8260A	7-21-97	< 0.300	0.300
32104	Bromoform				EPA 8260A	7-21-97	< 0.226	0.226
77041	Carbon disulfide				EPA 8260A	7-21-97	< 0.459	0.459
32102	Carbon tetrachloride				EPA 8260A	7-21-97	< 0.316	0.316
34301	Chlorobenzene				EPA 8260A	7-21-97	< 0.234	0.234
34311	Chloroethane				EPA 8260A	7-21-97	< 0.148	0.148
32106	Chloroform				EPA 8260A	7-21-97	< 0.104	0.104
32105	Dibromochloromethane				EPA 8260A	7-21-97	< 0.185	0.185
38761	1,2-Dibromo-3-chloropropane				EPA 504	7-21-97	< 0.013	0.013
77651	1,2-Dibromoethane				EPA 504	7-21-97	< 0.014	0.014
34537	o-Dichlorobenzene				EPA 8260A	7-21-97	< 0.365	0.365
34571	p-Dichlorobenzene				EPA 8260A	7-21-97	< 0.298	0.298
49263	Trans-1,4-Dichloro-2-butene				EPA 8260A	7-21-97	< 0.221	0.221
34496	1,1-Dichloroethane				EPA 8260A	7-21-97	< 0.275	0.275
32103	1,2-Dichloroethane				EPA 8260A	7-21-97	< 0.128	0.128
34502	1,1-Dichloroethene				EPA 8260A	7-21-97	< 0.128	0.128
81686	cis-1,2-Dichloroethene				EPA 8260A	7-21-97	18.1	0.253
34546	trans-1,2-Dichloroethene				EPA 8260A	7-21-97	< 0.195	0.195
34541	1,2-Dichloropropane				EPA 8260A	7-21-97	< 0.147	0.147
34704	cis-1,3-Dichloropropene				EPA 8260A	7-21-97	< 0.157	0.157
34699	trans-1,3-Dichloropropene				EPA 8260A	7-21-97	< 0.198	0.198
78113	Ethylbenzene				EPA 8260A	7-21-97	< 0.173	0.173
77103	2-Hexanone				EPA 8260A	7-21-97	< 0.494	0.494
34413	Methyl bromide				EPA 8260A	7-21-97	< 0.177	0.177

Date Extraction: July 18, 1997

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 105800 /4mw1

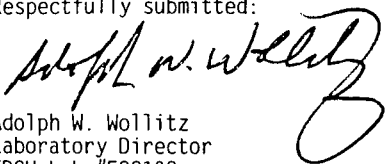
FCEL LAB # 9707-196

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A	7-21-97	< 0.155	0.155
77596	Methylene bromide			EPA 8260A	7-21-97	< 0.347	0.347
34423	Methylene chloride			EPA 8260A	7-21-97	< 0.282	0.282
81595	Methyl ethyl ketone			EPA 8260A	7-21-97	< 0.154	0.154
49262	Methyl iodide			EPA 8260A	7-21-97	< 0.506	0.506
78133	4-Methyl-2-pentanone			EPA 8260A	7-21-97	< 0.520	0.520
77128	Styrene			EPA 8260A	7-21-97	< 0.213	0.213
77562	<u>1,1,1,2-Tetrachloroethane</u>			EPA 8260A	7-21-97	25.1	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A	7-21-97	< 0.200	0.200
34476	Tetrachloroethene			EPA 8260A	7-21-97	< 0.188	0.188
78131	Toluene			EPA 8260A	7-21-97	< 0.249	0.249
34506	1,1,1-Trichloroethane			EPA 8260A	7-21-97	< 0.296	0.296
34511	1,1,2-Trichloroethane			EPA 8260A	7-21-97	22.3	0.115
34485	Trichloroethene			EPA 8260A	7-21-97	< 0.183	0.183
34488	Trichlorofluoromethane			EPA 8260A	7-21-97	< 0.423	0.423
77443	1,2,3-Trichloropropane			EPA 8260A	7-21-97	< 0.137	0.137
77057	Vinyl acetate			EPA 8260A	7-21-97	< 0.483	0.483
39175	Vinyl chloride			EPA 8260A	7-21-97	< 0.205	0.205
81551	Xylenes			EPA 8260A	7-21-97	14.8	0.108

Date Extraction: July 18, 1997

Respectfully submitted:



Adolph W. Wollitz  
 Laboratory Director  
 FDOH Lab #E82102  
 FDOH Lab #82110  
 EPA #FL00062  
 DEP Comp QAPP # 870222

AWW/tb



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
(813) 847-8902

## REPORT OF ANALYSES

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

6511

DATE: 10/14/97  
DHRS # 44237, E44123

SAMPLE NUMBER- 61031 SAMPLE ID- 4MW-1  
DATE SAMPLED- 10/07/97 LOCATION-  
DATE RECEIVED- 10/07/97 SAMPLER- CHRIS CHILDRESS  
TIME RECEIVED- 1445 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW  
TIME SAMPLED- 1145  
RECEIVED BY- AS

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS
		DATE	TIME	BY	
WATER LEVEL	FIELD	10/07/97	1145	CHR	27.25 FEET
FIELD PH	EPA 150.1	10/07/97	1145	CHR	7.02 STD. UNITS
FIELD TEMPERATURE	SM2550B	10/07/97	1145	CHR	23.8 DEGREES C
FIELD CONDUCTIVITY	SM2510B	10/07/97	1145	CHR	263 umhos/cm
DISSOLVED OXYGEN, FIELD	SM4500-O G	10/07/97	1145	CHR	1.01 mg/L
CHLORIDE	EPA 325.2	10/09/97	1100	JK	474 mg/L

LABORATORY DIRECTOR \_\_\_\_\_

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1060566/4MW1

FCEL LAB # 9710-76

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: October 7, 1997 / 1145 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)

Well Name: 4MW1 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree,C	degree,C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2			0.0013
01000	Arsenic			EPA 206.2			0.0037
01005	Barium			EPA 200.7			0.0048
01010	Beryllium			EPA 200.7			0.0016
01025	Cadmium			EPA 213.2			0.000068
01030	Chromium			EPA 200.7			0.022
01035	Cobalt			EPA 200.7			0.011
01040	Copper			EPA 220.1			0.011
01049	Lead			EPA 239.2			0.0002
01065	Nickel			EPA 200.7			0.028
01145	Selenium			EPA 270.2			0.0064
01075	Silver			EPA 200.7			0.003
01057	Thallium			EPA 279.2			0.00078
01085	Vanadium			EPA 200.7			0.009
01090	Zinc			EPA 289.1			0.003

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1060566/4MW1

FCCEL LAB # 9710-76

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered		Analysis Method	Analysis Date	Analysis Results/Units (ug/l)	Detection Limits Units (ug/l)
			(Y)	(N)				
81552	Acetone				EPA 8260A			0.330
34215	Acrylonitrile				EPA 8260A			0.483
34235	Benzene				EPA 8260A			0.147
N/A	Bromochloromethane				EPA 8260A			0.300
32101	Bromodichloromethane				EPA 8260A			0.300
32104	Bromoform				EPA 8260A			0.226
77041	Carbon disulfide				EPA 8260A			0.459
32102	Carbon tetrachloride				EPA 8260A			0.316
34301	Chlorobenzene				EPA 8260A			0.234
34311	Chloroethane				EPA 8260A			0.148
32106	Chloroform				EPA 8260A			0.104
32105	Dibromochloromethane				EPA 8260A			0.185
38761	1,2-Dibromo-3-chloropropane				EPA 504			0.013
77651	1,2-Dibromoethane				EPA 504			0.014
34537	o-Dichlorobenzene				EPA 8260A			0.365
34571	p-Dichlorobenzene				EPA 8260A			0.298
49263	Trans-1,4-Dichloro-2-butene				EPA 8260A			0.221
34496	1,1-Dichloroethane				EPA 8260A			0.275
32103	1,2-Dichloroethane				EPA 8260A			0.128
34502	1,1-Dichloroethene				EPA 8260A			0.128
81686	cis-1,2-Dichloroethene				EPA 8260A	10-9-97	< 0.253	0.253
34546	trans-1,2-Dichloroethene				EPA 8260A			0.195
34541	1,2-Dichloropropane				EPA 8260A			0.147
34704	cis-1,3-Dichloropropene				EPA 8260A			0.157
34699	trans-1,3-Dichloropropene				EPA 8260A			0.198
78113	Ethylbenzene				EPA 8260A			0.173
77103	2-Hexanone				EPA 8260A			0.494
34413	Methyl bromide				EPA 8260A			0.177

Date Extraction:

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1060566/4MW1

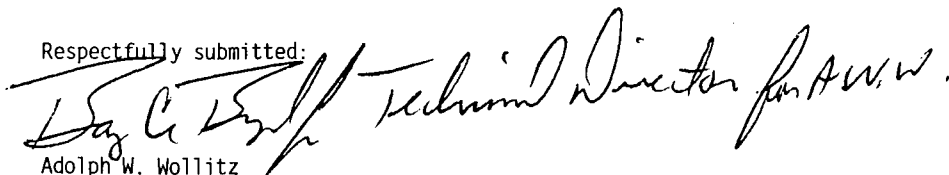
FCEL LAB # 9710-76

PART III - ANALYTICAL RESULTS - (Continued)

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (ug/l)	Detection Limits Units (ug/l)
34418	Methyl chloride			EPA 8260A			0.155
77596	Methylene bromide			EPA 8260A			0.347
34423	Methylene chloride			EPA 8260A			0.282
81595	Methyl ethyl ketone			EPA 8260A			0.154
49262	Methyl iodide			EPA 8260A			0.506
78133	4-Methyl-2-pentanone			EPA 8260A			0.520
77128	Styrene			EPA 8260A			0.213
77562	1,1,1,2-Tetrachloroethane			EPA 8260A	10-9-97	< 0.192	0.192
34516	1,1,2,2-Tetrachloroethane			EPA 8260A			0.200
34476	Tetrachloroethene			EPA 8260A			0.188
78131	Toluene			EPA 8260A			0.249
34506	1,1,1-Trichloroethane			EPA 8260A			0.296
34511	1,1,2-Trichloroethane			EPA 8260A	10-9-97	< 0.115	0.115
34485	Trichloroethene			EPA 8260A			0.183
34488	Trichlorofluoromethane			EPA 8260A			0.423
77443	1,2,3-Trichloropropane			EPA 8260A			0.137
77057	Vinyl acetate			EPA 8260A			0.483
39175	Vinyl chloride			EPA 8260A			0.205
81551	Xylenes			EPA 8260A	10-9-97	< 0.108	0.108

Date Extraction:

Respectfully submitted:



Adolph W. Wollitz  
 Laboratory Director  
 FDOH Lab #E82102  
 FDOH Lab #82110  
 EPA #FL00062  
 DEP Comp QAPP # 870222

AWW/tb



PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/16/97 @ 1145

Test Site ID #: 4051A16512

Report Period: 1997 / Quarter III  
(year/quarter)

Well Name: 4MW-2

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): 29.76

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	2.78 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.04 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/06/97 1445	0.0006 mg/L	0.0005 mg/L
000400	pH-Field	"	"	EPA 150.1	07/16/97 1145	7.67 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/16/97 1145	25.0 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/16/97 1145	168 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Feld)	"	"	SM 45000G	07/16/97 1145	0.9 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/16/97 1510	0.19 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	07/21/97 1000	4.86 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	122 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<0.03 mg/L	0.15 mg/L
000620	Nitrate	"	"	EPA 353.2	07/16/97 1600	0.87 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	-	- MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/16/97 1145	29.76 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1057999/4mw2

FCEL LAB # 9707-198

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 16, 1997 / 1145 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 4mw2 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp. (Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond. (Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0055	0.0013
01000	Arsenic			EPA 206.2	7-18-97	0.0028	0.00074
01005	Barium			EPA 200.7	7-25-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	7-21-97	< 0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-29-97	< 0.022	0.022
01035	Cobalt			EPA 200.7	9-04-97	0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.010	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.073	0.028
01145	Selenium			EPA 270.2	7-22-97	< 0.0016	0.0016
01075	Silver			EPA 200.7	7-21-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	< 0.003	0.003

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/16/97 @ 1400

Test Site ID #: 4051A16513

Report Period: 1997 / Quarter III  
(year/quarter)

Well Name: 4MW-4

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): 22.76

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	3.26 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.29 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/06/97 1445	0.0006 mg/L	0.0005 mg/L
000400	pH-Field	"	"	EPA 150.1	07/16/97 1400	7.07 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/16/97 1400	25.1 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/16/97 1400	286 μmhos/cm	0.0 μmhos/cm
000344	D.O. (Feld)	"	"	SM 45000G	07/16/97 1400	1.7 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/16/97 1510	6.87 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	07/21/97 1000	8.99 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	203 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<.03 mg/L	0.15 mg/L
000620	Nitrate	"	"	EPA 353.2	07/16/97 1600	0.23 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	—	— MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/16/97 1400	22.76 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058002/4mw4

FCEL LAB # 9707-197

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 16, 1997 / 1400 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 4mw4 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0053	0.0013
01000	Arsenic			EPA 206.2	7-18-97	< 0.00074	0.00074
01005	Barium			EPA 200.7	7-25-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	7-21-97	< 0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-29-97	0.027	0.022
01035	Cobalt			EPA 200.7	9-04-97	< 0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.006	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.048	0.028
01145	Selenium			EPA 270.2	7-22-97	< 0.0016	0.0016
01075	Silver			EPA 200.7	7-21-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	< 0.003	0.003

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030

Sampling Date/Time: 07/17/97 @ 1410

Test Site ID #: 4051A16514

Report Period: 1997 / Quarter III  
(year/quarter)

Well Name: 4MW-5

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): \_\_\_\_\_

or (MSL): 23.56

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	6.80 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.05 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/06/97 1445	0.0006 mg/L	0.0005 mg/L
000400	pH-Field	"	"	EPA 150.1	07/17/97 1410	7.53 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/17/97 1410	25.6 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/17/97 1410	360 μmhos/cm	0.0 μmhos/cm
000344	D.O. (Feld)	"	"	SM 45000G	07/17/97 1410	1.6 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/17/97 1515	0.14 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	59.8 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	329 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<0.03 mg/L	0.15 mg/L
000620	Nitrate	"	"	EPA 353.2	07/18/97 1500	0.71 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	-	- MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/17/97 1410	23.56 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1057998/4mw5

FCEL LAB # 9707-194

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 17, 1997 / 1410 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 4mw5 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/ Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0055	0.0013
01000	Arsenic			EPA 206.2	7-18-97	0.0012	0.00074
01005	Barium			EPA 200.7	7-25-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	7-21-97	< 0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-29-97	0.024	0.022
01035	Cobalt			EPA 200.7	9-04-97	< 0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.006	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.071	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0047	0.0016
01075	Silver			EPA 200.7	7-21-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	< 0.003	0.003

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 07/17/97 @ 1230  
 Test Site ID #: 4051A16515 Report Period: 1997 / Quarter III  
 (year/quarter)  
 Well Name: 4MW-6 Well Purged (Y/N): YES  
 Classification of Groundwater: Floridan Well Type: ( ) Background  
 ( ) Intermediate  
 Groundwater Elevation (NGVD): \_\_\_\_\_ (XXX) Compliance  
 ( ) Other  
 or (MSL): 26.83

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	EPA 273.1	08/05/97 1430	3.07 mg/L	0.01 mg/L
001045	Iron	"	"	EPA 236.1	08/05/97 1510	0.05 mg/L	0.02 mg/L
071900	Mercury	"	"	EPA 245.1	08/05/97	0.0006 mg/L	0.0002 mg/L
000400	pH-Field	"	"	EPA 150.1	07/17/97 1230	7.70 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	07/17/97 1230	25.2 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	07/17/97 1230	133 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	07/17/97 1230	2.6 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	07/17/97 1515	0.09 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	07/21/97 1000	4.90 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	07/17/97 1630	98 mg/L	1 mg/L
000610	Ammonia	"	"	EPA 350.1	07/18/97 0900	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	EPA 353.2	07/18/97 1500	0.39 mg/L	0.15 mg/L
031504	Total Coliform	"	"	SM 9222B	-	- MF/100 ml	1 MF/100 ml
072020	Water Level (MSL)	"	"		07/17/97 1230	26.83 Feet	Feet

\*Attach Laboratory Reports

# FIRST COAST ENVIRONMENTAL LABORATORY, INC.

BROWARD LAB # 1058006/4mw6

FCEL LAB # 9707-195

PART III - ANALYTICAL RESULTS

Facility GMS #: \_\_\_\_\_ Sampling Date/Time: July 17, 1997 / 1230 hr.  
 Test Site ID #: \_\_\_\_\_ Report Date: \_\_\_\_\_  
 (Year / Quarter)  
 Well Name: 4mw6 Well Type: ( ) Background  
 Classification of Ground Water: \_\_\_\_\_ ( ) Intermediate  
 Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance  
 or (MSL): \_\_\_\_\_ ( ) Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y) (N)	Analysis Method	Analysis Date	Analysis Results/Units (mg/l)	Detection Limits Units (mg/l)
00010	Temp.(Field)					degree.C	degree.C
00400	pH (Field)					Std. Units	Std. Units
	Water Level Elev.					Ft. NGVD	Ft. NGVD
00094	Specific Cond.(Field)					umhos/cm	umhos/cm
01095	Antimony			EPA 204.2	7-23-97	0.0056	0.0013
01000	Arsenic			EPA 206.2	7-18-97	< 0.00074	0.00074
01005	Barium			EPA 200.7	7-25-97	< 0.0048	0.0048
01010	Beryllium			EPA 200.7	7-21-97	< 0.0016	0.0016
01025	Cadmium			EPA 213.2	7-28-97	< 0.000068	0.000068
01030	Chromium			EPA 200.7	7-29-97	< 0.022	0.022
01035	Cobalt			EPA 200.7	9-04-97	< 0.011	0.011
01040	Copper			EPA 200.7	7-18-97	0.012	0.0029
01049	Lead			EPA 239.2	7-21-97	< 0.0002	0.0002
01065	Nickel			EPA 200.7	7-21-97	0.051	0.028
01145	Selenium			EPA 270.2	7-22-97	0.0019	0.0016
01075	Silver			EPA 200.7	7-21-97	< 0.003	0.003
01057	Thallium			EPA 279.2	7-22-97	< 0.00078	0.00078
01085	Vanadium			EPA 200.7	9-04-97	< 0.009	0.009
01090	Zinc			EPA 200.7	7-21-97	< 0.003	0.003





# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
(813) 847-8902

## REPORT OF ANALYSES

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

D

DATE: 08/08/97  
DHRS # 44237, E44123

RESOURCE RECOVERY GWM - SEMI-ANNUAL COMPLIANCE MONITORING (Page 1 of 2)

LAB No.	SAMPLE			DELIVERY TO LAB		
	DATE	TIME	SAMPLER	DATE	TIME	MATRIX
58646	07/16/97	1030	CHRIS CHILDRESS	07/16/97	1440	WW
58647	07/16/97	1200	CHRIS CHILDRESS	07/16/97	1440	WW
58648	07/16/97	1145	CHRIS CHILDRESS	07/16/97	1440	WW

CLIENT STATION ID:	4MW-1	2MW-2	4MW-2
LAB #:	58646	58647	58648

WATER LEVEL	FEET	30.59	30.41	29.76
FIELD PH	STD. UNITS	6.90	5.96	7.67
FIELD TEMPERATURE	DEGREES C	25.0	25.8	25.0
FIELD CONDUCTIVITY	umhos/cm	1820	152	168
DISSOLVED OXYGEN, FIELD	mg/L	0.6	3.4	0.9
CHLORIDE	mg/L	581	5.52	4.86
COLOR	PCU	2	15	2
AMMONIA NITROGEN	mg/L	<0.03	<0.03	<0.03
NITRATE	mg/L	1.16	13.5	0.87
TOTAL DISS.SOLIDS	mg/L	1475	140	122
TURBIDITY	NTU	0.18	11.09	0.19
IRON, TOTAL	mg/L	0.06	0.66	0.04
MERCURY, TOTAL	mg/L	0.0006	0.0006	0.0006
SODIUM, TOTAL	mg/L	110	3.30	2.78

LABORATORY DIRECTOR



# PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY  
8864 GOVERNMENT DRIVE  
NEW PORT RICHEY, FL 34654  
(813) 847-8902

## REPORT OF ANALYSES

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

DATE: 08/08/97  
DHRS # 44237, E44123

RESOURCE RECOVERY GWM - SEMI-ANNUAL COMPLIANCE MONITORING (Page 2 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB		
	DATE	TIME		DATE	TIME	MATRIX
58649	07/16/97	1400	CHRIS CHILDRESS	07/16/97	1440	WW
58679	07/17/97	1410	CHRIS CHILDRESS	07/17/97	1430	WW
58680	07/17/97	1230	CHRIS CHILDRESS	07/17/97	1430	WW

CLIENT STATION ID:	4MW-4	4MW-5	4MW-6
LAB #:	58649	58679	58680

WATER LEVEL	FEET	22.76	23.56	26.83
FIELD PH	STD. UNITS	7.07	7.53	7.70
FIELD TEMPERATURE	DEGREES C	25.1	25.6	25.2
FIELD CONDUCTIVITY	umhos/cm	286	360	133
DISSOLVED OXYGEN, FIELD	mg/L	1.7	1.6	2.6
CHLORIDE	mg/L	8.99	59.8	4.90
COLOR	PCU	7	2	2
AMMONIA NITROGEN	mg/L	<0.03	<0.03	<0.03
NITRATE	mg/L	0.23	0.71	0.39
TOTAL DISS. SOLIDS	mg/L	203	329	98
TURBIDITY	NTU	6.87	0.14	0.09
IRON, TOTAL	mg/L	0.29	0.05	0.05
MERCURY, TOTAL	mg/L	0.0006	0.0006	0.0006
SODIUM, TOTAL	mg/L	3.26	6.80	3.07

LABORATORY DIRECTOR