26255

PASCO COUNTY, FLORIDA

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

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

13 May 1999

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

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

MAY 17 1999

SOUTHWEST DISTRICT
TAMPA

RE: West Pasco Class I Landfill
Groundwater Monitoring
Semester I, 1999

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 first semester 1999 (Jan-Jun) 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 and 4MW1 exceeded the MCL for various analytes as listed in the attached groundwater exceedence summary table. Several wells were positive for cobalt and vanadium which are unregulated analytes and do not have MCL's. Finally, a groundwater contour map for this site is included.

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

Sincerely,

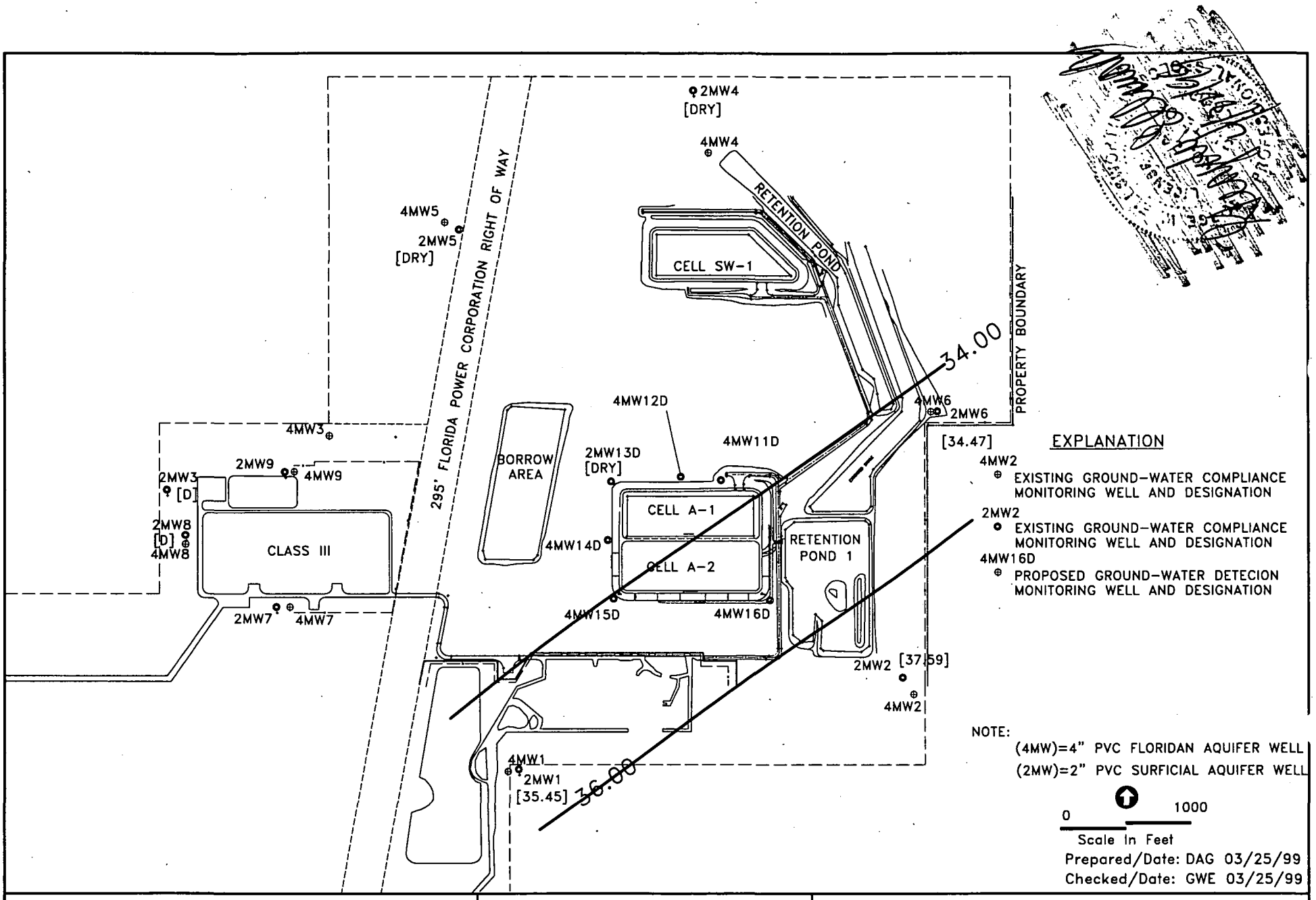
Candia E. Mulhern
Laboratory Manager

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

Southwest District Tampa
MAY 17 1999
D.E.P.

WEST PASCO CLASS I LANDFILL
EXCEEDED ANALYTES
SEMESTER I - 1999

WELL	ANALYTE	RESULT (mg/L)	RESAMPLE (mg/L)
2MW2	NITRATE	11.7	NONE TAKEN
4MW-1	CHLORIDE	277	NONE TAKEN
	TDS	1480	NONE TAKEN
	THALLIUM	0.0021	NONE TAKEN



PASCO/4180323

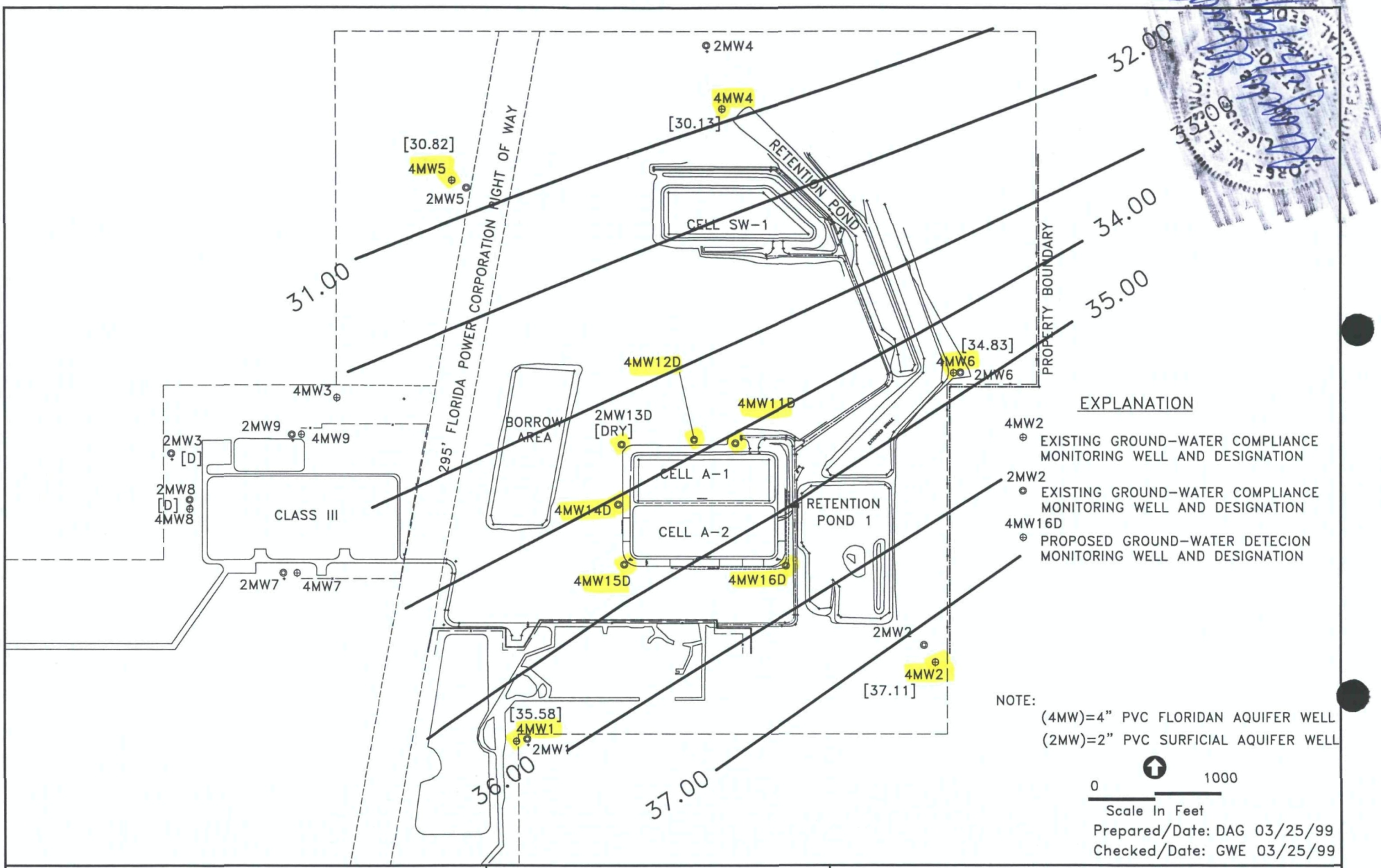
West Pasco Class I Landfill
Pasco County
Board of County Commissioners
Utility Services Branch
Pasco County, Florida

LAW
ENGINEERING AND ENVIRONMENTAL SERVICES

GROUND WATER MONITORING
SURFACE AQUIFER WATER TABLE
FEBRUARY 1999

Project 40141-8-0451

Figure 1



PASCO/4180323

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 POTENTIOMETERIC SURFACE
FEBRUARY 1999

Project 40141-8-0451

Figure 2

DEP Form # 62-522.900(2)

Form Title GROUND WATER MONITORING REPORT

Effective Date

DEP Aplication 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, State, Zip: Hudson, Fl 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, State, Zip: New Port Richey, Fl 34654

Telephone Number: (813) 847-8902

(5) Type of Discharge: Leachate

(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:

Candia E. Mulhern

Signature of Owner or Authorized Representative

PART II - QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP #

Analytical Lab Comp QAP #/HRS Certification #8702026; 86418, E86035 Broward Testing Laboratory

Comp QAP #/HRS Certification #910150; E86278 Toxicon Corporation

Lab Name: Broward Testing Laboratory

Address: 4416 NE 11th Ave., Ft. Lauderdale, FL 33334

Phone Number: (216) 449-2525

HARBOR BRANCH ENVIRONMENTAL LABORATORY
5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

March 12, 1999

Candia Mulhern
Pasco County
8864 Government Dr.
New Port Richey, FL 34654

Client:	Pasco County
Project [Reference]:	Resource Recovery CL-I Landfill [9001304]
Date Received:	February 9, 1999

Analytical results presented in this report have been reviewed for compliance with the laboratory quality assurance plan and applicable quality control criteria. The quality control parameters evaluated have been summarized on the Quality Control Summary page immediately following this cover sheet. Applicable quality control standards have been met unless otherwise noted on the Quality Control Summary page:

FDOH (HRS) Environmental Certification Number: E96080, E83509, E82417, E85370, E84418

FDOH (HRS) Drinking Water Certification Number: 96230, 83486, 82500, 85512, 84526

FDEP CompQAP Approval Number: 870174

NOTE: This document and the Quality Control Summary page are included as part of the Analytical Report for the above referenced project and should be retained as a permanent record thereof.

If you have any questions regarding this report, or if we can be of further assistance, please feel free to call (561) 465-2400 ext. 285 and ask to speak with a project manager.

Terrie Silcox
Project Manager

N. Myron Gunsalus, Jr.
Laboratory Director

HARBOR BRANCH ENVIRONMENTAL LABORATORY
5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

Quality Control Summary

- **Laboratory Blank:** All analytes were below Reporting detection Limits (RDL).
- **Laboratory Control Sample:** Recoveries for analytes were within laboratory accuracy limits.
- **Matrix Spike/Matrix Spike Duplicate:** Recoveries for analytes were within laboratory precision

Method 6010:

The matrix spike and the matrix spike duplicate were outside of laboratory control limits for cadmium, lead, and silver due to suspected matrix effect. Precision was within limits, thus confirming the existence of a matrix effect. Accuracy was demonstrated in the laboratory control sample. All other quality control criteria was met.

Eric Charest
Quality Assurance Manager

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/29/99 @ 1215

Test Site ID #: 4051A16506 Report Period: 1999 / Quarter I
(year/quarter)

Well Name: 2MW-1 Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: (XXX) Background
( ) Intermediate
( ) Compliance
( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Dry	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Dry	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	μmhos/cm	0.0	μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Dry	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/g031924(1)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/08/99 @ 1135

Test Site ID #: 4051A16507 Report Period: 1999 / Quarter I (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): 37.59

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	SM 3111B	02/12/99 1330	3.46	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	<0.02	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0006	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/08/99 1135	6.40	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/08/99 1135	23.60	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/08/99 1135	165	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/08/99 1135	3.90	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/08/99 1445	0.37	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	5.14	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1100	184	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/09/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	11.7	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/08/99 1135	37.59	Feet		Feet

*Attach Laboratory Reports

mo/g031924(2)

HARBOR BRANCH ENVIRONMENTAL LABORATORY
5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304001

Facility GMS# : _____

Test Site ID# : _____

Sampling Date/Time: 02/08/99 11:35

Report Period: _____

Well Purged (Y/N) : _____

Well Name: 2mw2

Classification of Ground Water: _____

Ground Water Elevation (NGVD) : _____

or (MSL): _____

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
001097	Antimony	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	4.0	ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	3.2	ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 18:48	180	ug/L	1.8	ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	1.0	ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 18:48	0.82	ug/L	0.70	ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	1.8	ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	1.0	ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 18:48	5.5	ug/L	1.4	ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	3.0	ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 18:48	2.2	ug/L	2.0	ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 18:48	4.1	ug/L	2.1	ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	1.0	ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 18:48	0.55	ug/L	0.40	ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 18:48	ND	ug/L	100	ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	ND	ug/L	1.2	ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/10/99 22:05	ND	ug/L	0.0021	ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/10/99 22:05	ND	ug/L	0.0023	ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	0.59	ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	1.1	ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	1.0	ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	0.58	ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	1.1	ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	0.51	ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 18:48	ND	ug/L	1.6	ug/L

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5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

PART III ANALYTICAL RESULTS

Facility GMS# : _____
Test Site ID# : _____

Well Name: 2mw2
Classification of Ground Water: _____
Ground Water Elevation (NGVD) : _____
or (MSL): _____

HBEL Sample ID: 9001304001
Sampling Date/Time: 02/08/99 11:35
Report Period: _____
Well Purged (Y/N) : _____

Well Type:
- ☒ Background
- ☒ Intermediate
- ☒ Compliance
- ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.1 ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.7 ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.59 ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.0 ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.75 ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.43 ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.79 ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.91 ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	2.4 ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.34 ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.91 ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.80 ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.5 ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.44 ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.63 ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.35 ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.54 ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.63 ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.66 ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.65 ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.1 ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.32 ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.86 ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.0 ug/L

HARBOR BRANCH ENVIRONMENTAL LABORATORY
5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

PART III ANALYTICAL RESULTS

Facility GMS# : _____
Test Site ID# : _____

Well Name: 2mw2
Classification of Ground Water: _____
Ground Water Elevation (NGVD) : _____
or (MSL): _____

HBEL Sample ID: 9001304001
Sampling Date/Time: 02/08/99 11:35
Report Period: _____
Well Purged (Y/N) : _____

Well Type:
- ☒ Background
- ☐ Intermediate
- ☒ Compliance
- ☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.48 ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.6 ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.2 ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.67 ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.90 ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.40 ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.5 ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.47 ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.46 ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.79 ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.66 ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.86 ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	1.4 ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 18:48	ND ug/L	0.27 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99 @ 0915

Test Site ID #: 4051A16508 Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-4 Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: ( ) Background ( ) Intermediate (XXX) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Dry	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Dry	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	μmhos/cm	0.0	μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Dry	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/g031924(5)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99 @ 1045

Test Site ID #: 4051A16509 Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-5 Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: ( ) Background ( ) Intermediate (XXX) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Dry	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Dry	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Dry	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/g031924(7)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/08/99 @ 1100

Test Site ID #: 4051A16510 Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-6 Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: ( ) Background ( ) Intermediate (XXX) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Dry	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Dry	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Dry	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/g031924(9)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99 @ 1320

Test Site ID #: 4051A16511 Report Period: 1999 / Quarter I
(year/quarter)

Well Name: 4MW-1 Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: (XXX) Background
( ) Intermediate
( ) Compliance
( ) Other

Groundwater Elevation (NGVD):

or (MSL): 35.58

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	SM 3111B	02/12/99 1330	110	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	<0.02	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0009	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/09/99 1320	7.00	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/09/99 1320	24.90	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/09/99 1320	1,275	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/09/99 1320	0.70	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/09/99 1500	0.07	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	277	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1500	1,480	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/16/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	<0.11	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/09/99 1320	35.58	Feet		Feet

*Attach Laboratory Reports

mo/g031924(3)

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FDEP QAP 870174

PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356003

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/09/99 13:20

Report Period:

Well Purged (Y/N) :

Well Name: 4mw1

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
001097	Antimony	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	4.0	ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	3.2	ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 19:49	51	ug/L	1.8	ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	1.0	ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 19:49	0.83	ug/L	0.70	ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	1.8	ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 19:49	1.7	ug/L	1.0	ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	1.4	ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	3.0	ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 19:49	4.6	ug/L	2.0	ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	2.1	ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	1.0	ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 19:49	2.6	ug/L	0.40	ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 19:49	ND	ug/L	100	ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	2.1	ug/L	1.2	ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/19/99 0:44	ND	ug/L	0.0022	ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/19/99 0:44	ND	ug/L	0.0024	ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.59	ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.1	ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.0	ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.58	ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.1	ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.51	ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.6	ug/L

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FDEP QAP 870174

PART III ANALYTICAL RESULTS

Facility GMS# : _____
Test Site ID# : _____

Well Name: 4MW1
Classification of Ground Water: _____
Ground Water Elevation (NGVD) : _____
or (MSL): _____

HBEL Sample ID: 9001356003
Sampling Date/Time: 02/09/99 13:20
Report Period: _____
Well Purged (Y/N) : _____
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.1	ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.7	ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.59	ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.0	ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.75	ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.43	ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.79	ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.91	ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	2.4	ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.34	ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.91	ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.80	ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.5	ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.44	ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.63	ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.35	ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.54	ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.63	ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.66	ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.65	ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.1	ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.32	ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	0.86	ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 23:42	ND	ug/L	1.0	ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356003
Facility GMS# :
Test Site ID# :
Sampling Date/Time: 02/09/99 13:20
Report Period:
Well Purged (Y/N) :
Well Name: 4MW1
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other
Classification of Ground Water:
Ground Water Elevation (NGVD) :
or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.48 ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	1.6 ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	1.2 ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.67 ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.90 ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.40 ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	1.5 ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.47 ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.46 ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.79 ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.66 ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.86 ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	1.4 ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 23:42	ND ug/L	0.27 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/08/99 @ 1250

Test Site ID #: 4051A16512 Report Period: 1999 / Quarter I (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): 37.11

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	SM 3111B	02/12/99 1330	2.70	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	<0.02	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0009	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/08/99 1250	6.92	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/08/99 1250	25.20	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/08/99 1250	155	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/08/99 1250	1.10	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/08/99 1445	0.07	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	4.28	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1100	123	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/09/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	1.33	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/08/99 1250	37.11	Feet		Feet

*Attach Laboratory Reports

mo/g031924(4)

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304002

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/08/99 12:50

Report Period:

Well Purged (Y/N) :

Well Name: 4mw2

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
001097	Antimony	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	4.0	ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	3.2	ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 18:53	4.7	ug/L	1.8	ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	1.0	ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	0.70	ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	1.8	ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	1.0	ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	1.4	ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	3.0	ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	2.0	ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	2.1	ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	1.0	ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 18:53	5.2	ug/L	0.40	ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 18:53	ND	ug/L	100	ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	ND	ug/L	1.2	ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/10/99 22:21	ND	ug/L	0.0020	ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/10/99 22:21	ND	ug/L	0.0022	ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.59	ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.1	ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.0	ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.58	ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.1	ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.51	ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.6	ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304002
Facility GMS# :
Test Site ID# :
Sampling Date/Time: 02/08/99 12:50
Report Period:
Well Purged (Y/N) :
Well Name: 4MW2
Classification of Ground Water:
Ground Water Elevation (NGVD) :
or (MSL):
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.1 ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.7 ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.59 ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.0 ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.75 ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.43 ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.79 ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.91 ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	2.4 ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.34 ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.91 ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.80 ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.5 ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.44 ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.63 ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.35 ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.54 ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.63 ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.66 ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.65 ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.1 ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.32 ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	0.86 ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 19:32	ND ug/L	1.0 ug/L

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FDEP QAP 870174

PART III ANALYTICAL RESULTS

Facility GMS# : _____
Test Site ID# : _____

Well Name: 4mw2
Classification of Ground Water: _____
Ground Water Elevation (NGVD) : _____
or (MSL): _____

HBEL Sample ID: 9001304002
Sampling Date/Time: 02/08/99 12:50
Report Period: _____
Well Purged (Y/N) : _____

Well Type:
- ☒ Background
- ☒ Intermediate
- ☒ Compliance
- ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.48	ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.6	ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.2	ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.67	ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.90	ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.40	ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.5	ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.47	ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.46	ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.79	ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.66	ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.86	ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	1.4	ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 19:32	ND	ug/L	0.27	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99 @ 1030

Test Site ID #: 4051A16513 Report Period: 1999 / Quarter I (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): 30.13

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	SM 3111B	02/12/99 1330	3.15	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	0.03	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0003	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/09/99 1030	7.30	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/09/99 1030	23.90	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/09/99 1030	285	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/09/99 1030	1.50	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/09/99 1500	0.46	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	8.45	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1500	252	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/16/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	0.58	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/09/99 1030	30.13	Feet		Feet

*Attach Laboratory Reports

mo/g031924(6)

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356001

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/09/99 10:30

Report Period:

Well Purged (Y/N) : Y

Well Name: 4MW4

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
001097	Antimony	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	4.0	ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	3.2	ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 19:40	6.3	ug/L	1.8	ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	1.0	ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	0.70	ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	1.8	ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	1.0	ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	1.4	ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	3.0	ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	2.0	ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	2.1	ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	1.0	ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 19:40	3.5	ug/L	0.40	ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 19:40	ND	ug/L	100	ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	ND	ug/L	1.2	ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/19/99 4:39	ND	ug/L	0.0022	ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/19/99 4:39	ND	ug/L	0.0024	ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.59	ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.1	ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.0	ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.58	ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.1	ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.51	ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.6	ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356001
Facility GMS# :
Test Site ID# :
Sampling Date/Time: 02/09/99 10:30
Report Period:
Well Purged (Y/N) :
Well Name: 4mw4
Classification of Ground Water:
Ground Water Elevation (NGVD) :
or (MSL):
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.1 ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.7 ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.59 ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.0 ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.75 ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.43 ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.79 ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.91 ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	2.4 ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.34 ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.91 ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.80 ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.5 ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.44 ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.63 ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.35 ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.54 ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.63 ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.66 ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.65 ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.1 ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.32 ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	0.86 ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 22:13	ND ug/L	1.0 ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356001

Facility GMS# : _____

Test Site ID# : _____

Sampling Date/Time: 02/09/99 10:30

Report Period: _____

Well Purged (Y/N) : _____

Well Name: 4mw4

Classification of Ground Water: _____

Ground Water Elevation (NGVD) : _____

or (MSL): _____

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.48	ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.6	ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.2	ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.67	ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.90	ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.40	ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.5	ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.47	ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.46	ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.79	ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.66	ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.86	ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	1.4	ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 22:13	ND	ug/L	0.27	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99 @ 1145

Test Site ID #: 4051A16514 Report Period: 1999 / Quarter I (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): 30.82

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	SM 3111B	02/12/99 1330	9.86	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	<0.02	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0003	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/09/99 1145	7.37	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/09/99 1145	23.30	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/09/99 1145	445	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/09/99 1145	1.10	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/09/99 1500	0.10	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	80.8	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1500	682	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/16/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	1.30	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/09/99 1145	30.82	Feet		Feet

*Attach Laboratory Reports

mo/g031924(8)

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356002

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/09/99 11:45

Report Period:

Well Purged (Y/N) : Y

Well Name: 4MW5

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units		Detection Limits/Units	
001097	Antimony	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	4.0	ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	3.2	ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 19:44	8.6	ug/L	1.8	ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	1.0	ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	0.70	ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 19:44	2.4	ug/L	1.8	ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	1.0	ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	1.4	ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	3.0	ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	2.0	ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	2.1	ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	1.0	ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 19:44	3.5	ug/L	0.40	ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 19:44	ND	ug/L	100	ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	1.4	ug/L	1.2	ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/19/99 5:07	ND	ug/L	0.0023	ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/19/99 5:07	ND	ug/L	0.0025	ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	0.59	ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	1.1	ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	1.0	ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	0.58	ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	1.1	ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	0.51	ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 22:58	ND	ug/L	1.6	ug/L

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PART III ANALYTICAL RESULTS

Facility GMS# : _____
Test Site ID# : _____

Well Name: 4MW5
Classification of Ground Water: _____
Ground Water Elevation (NGVD) : _____
or (MSL): _____

HBEL Sample ID: 9001356002
Sampling Date/Time: 02/09/99 11:45
Report Period: _____
Well Purged (Y/N) : _____
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.1 ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.7 ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.59 ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.0 ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.75 ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.43 ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.79 ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.91 ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	2.4 ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.34 ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.91 ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.80 ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.5 ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.44 ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.63 ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.35 ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.54 ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.63 ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.66 ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.65 ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.1 ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.32 ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.86 ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.0 ug/L

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FDEP QAP 870174

PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001356002
Facility GMS# :
Test Site ID# :
Sampling Date/Time: 02/09/99 11:45
Report Period:
Well Purged (Y/N) :
Well Name: 4MW5
Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other
Classification of Ground Water:
Ground Water Elevation (NGVD) :
or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.48 ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.6 ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.2 ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.67 ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.90 ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.40 ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.5 ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.47 ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.46 ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.79 ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.66 ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.86 ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	1.4 ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 22:58	ND ug/L	0.27 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/08/99 @ 1345

Test Site ID #: 4051A16515 Report Period: 1999 / Quarter I (year/quarter)

Well Name: 4MW-6 Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background ( ) Intermediate (XXX) Compliance ( ) Other

Groundwater Elevation (NGVD):

or (MSL): 34.83

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	SM 3111B	02/12/99 1330	3.09	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B	02/12/99 1250	<0.02	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B	02/16/99 1600	0.0003	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B	02/08/99 1345	7.51	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/08/99 1345	23.80	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/08/99 1345	130	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/08/99 1345	3.00	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B	02/08/99 1445	0.31	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/15/99 1200	6.00	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/09/99 1100	126	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H	02/09/99 1400	<0.03	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F	02/10/99 1530	0.68	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"		02/08/99 1345	34.83	Feet		Feet

*Attach Laboratory Reports

mo/g031924(10)

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304003

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/08/99 13:45

Report Period:

Well Purged (Y/N) :

Well Name: 4mwb

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☒ Other

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
001097	Antimony	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	4.0 ug/L
001002	Arsenic	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	3.2 ug/L
001007	Barium	G	N	SW-846 6010	02/21/99 18:58	4.2 ug/L	1.8 ug/L
001012	Beryllium	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	1.0 ug/L
001027	Cadmium	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	0.70 ug/L
001034	Chromium	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	1.8 ug/L
001037	Cobalt	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	1.0 ug/L
001042	Copper	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	1.4 ug/L
001051	Lead	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	3.0 ug/L
001067	Nickel	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	2.0 ug/L
001147	Selenium	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	2.1 ug/L
001077	Silver	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	1.0 ug/L
001087	Vanadium	G	N	SW-846 6010	02/21/99 18:58	4.1 ug/L	0.40 ug/L
001092	Zinc	G	N	SW-846 6010	02/21/99 18:58	ND ug/L	100 ug/L
001059	Thallium	G	N	SW-846 7841	02/22/99 16:18	ND ug/L	1.2 ug/L
038437	1,2-Dibromo-3-chloropropane	G	N	SW-846 8011	02/10/99 22:37	ND ug/L	0.0021 ug/L
077651	1,2-Dibromoethane	G	N	SW-846 8011	02/10/99 22:37	ND ug/L	0.0022 ug/L
077562	1,1,1,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.59 ug/L
034506	1,1,1-Trichloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.1 ug/L
034516	1,1,2,2-Tetrachloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.0 ug/L
034511	1,1,2-Trichloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.58 ug/L
034496	1,1-Dichloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.1 ug/L
034501	1,1-Dichloroethene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.51 ug/L
077443	1,2,3-Trichloropropane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.6 ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304003

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/08/99 13:45

Report Period:

Well Purged (Y/N) :

Well Name: 4mw6

Well Type: ☒ Background ☒ Intermediate ☒ Compliance ☐ Other

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034536	1,2-Dichlorobenzene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.1 ug/L
034531	1,2-Dichloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.7 ug/L
034541	1,2-Dichloropropane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.59 ug/L
034571	1,4-Dichlorobenzene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.0 ug/L
081595	2-Butanone	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.75 ug/L
077103	2-Hexanone	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.43 ug/L
081596	4-Methyl-2-pentanone	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.79 ug/L
081552	Acetone	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.91 ug/L
034215	Acrylonitrile	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	2.4 ug/L
034030	Benzene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.34 ug/L
077297	Bromochloromethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.91 ug/L
032101	Bromodichloromethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.80 ug/L
032104	Bromoform	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.5 ug/L
034413	Bromomethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.44 ug/L
077041	Carbon disulfide	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.63 ug/L
032102	Carbon tetrachloride	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.35 ug/L
034301	Chlorobenzene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.54 ug/L
034311	Chloroethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.63 ug/L
032106	Chloroform	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.66 ug/L
034418	Chloromethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.65 ug/L
077093	cis-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.1 ug/L
034704	cis-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.32 ug/L
081521	Dibromochloromethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.86 ug/L
081522	Dibromomethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.0 ug/L

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PART III ANALYTICAL RESULTS

HBEL Sample ID: 9001304003

Facility GMS# :

Test Site ID# :

Sampling Date/Time: 02/08/99 13:45

Report Period:

Well Purged (Y/N) :

Well Name: 4mw6

Classification of Ground Water:

Ground Water Elevation (NGVD) :

or (MSL):

Well Type:
- ☒ Background
- ☒ Intermediate
- ☒ Compliance
- ☒ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Result/Units	Detection Limits/Units
034371	Ethylbenzene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.48 ug/L
077424	Methyl iodide	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.6 ug/L
034423	Methylene chloride	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.2 ug/L
077128	Styrene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.67 ug/L
034475	Tetrachloroethene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.90 ug/L
034010	Toluene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.40 ug/L
081551	Total Xylenes	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.5 ug/L
034546	trans-1,2-Dichloroethene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.47 ug/L
034699	trans-1,3-Dichloropropene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.46 ug/L
073547	trans-1,4-Dichloro-2-butene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.79 ug/L
039180	Trichloroethene	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.66 ug/L
034488	Trichlorofluoromethane	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.86 ug/L
077057	Vinyl acetate	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	1.4 ug/L
039175	Vinyl chloride	G	N	SW-846 8260	02/11/99 20:17	ND ug/L	0.27 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: _____ / Semester (year/quarter)

Well Name: 2MW-13D Well Purged (Y/N): YES

Classification of Groundwater: Surficial Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	μmhos/cm	0.0	μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(1)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: _____ / Semester (year/quarter)

Well Name: 4MW-11D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(2)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: / Semester (year/quarter)

Well Name: 4MW-12D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	μmhos/cm	0.0	μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(3)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: _____ / Semester (year/quarter)

Well Name: 4MW-14D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(4)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: _____ / Semester (year/quarter)

Well Name: 4MW-15D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	µmhos/cm	0.0	µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(5)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/09/99

Test Site ID #: _____ Report Period: / Semester
(year/quarter)

Well Name: 4MW-16D Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: ( ) Background
( ) Intermediate
( ) Compliance
( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

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	SM 3111B		Damaged	mg/L	0.01	mg/L
001045	Iron	"	"	SM 3111B		Damaged	mg/L	0.02	mg/L
071900	Mercury	"	"	SM 3112B		Damaged	mg/L	0.0002	mg/L
000400	pH-Field	"	"	SM 4500H+B		Damaged	Std. Units	0.01	Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Damaged	°C	0	°C
000095	Specific Cond. (Field)	"	"	SM 2510B		Damaged	μmhos/cm	0.0	μmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Damaged	mg/L	0.0	mg/L
082079	Turbidity	"	"	SM 2130B		Damaged	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Damaged	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Damaged	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3H		Damaged	mg/L	0.03	mg/L
000620	Nitrate	"	"	SM 4500NO_3F		Damaged	mg/L	0.11	mg/L
072020	Water Level (MSL)	"	"			Damaged	Feet		Feet
900216	Color	"	"	SM 2120B		Damaged	PCU	0.0	PCU

*Attach Laboratory Reports

mo/s031903(6)

HARBOR BRANCH ENVIRONMENTAL LABORATORY
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561-465-2400, Ext. 285

FDEP QAP 870174

March 12, 1999

Candia Mulhern
Pasco County
8864 Government Dr.
New Port Richey, FL 34654

Client:	Pasco County
Project [Reference]:	Resource Recovery Class-I Landfill [9001356]
Date Received:	February 10, 1999

Analytical results presented in this report have been reviewed for compliance with the laboratory quality assurance plan and applicable quality control criteria. The quality control parameters evaluated have been summarized on the Quality Control Summary page immediately following this cover sheet. Applicable quality control standards have been met unless otherwise noted on the Quality Control Summary page:

FDOH (HRS) Environmental Certification Number: E96080, E83509, E82417, E85370, E84418

FDOH (HRS) Drinking Water Certification Number: 96230, 83486, 82500, 85512, 84526

FDEP CompQAP Approval Number: 870174

NOTE: This document and the Quality Control Summary page are included as part of the Analytical Report for the above referenced project and should be retained as a permanent record thereof.

If you have any questions regarding this report, or if we can be of further assistance, please feel free to call (561) 465-2400 ext. 285 and ask to speak with a project manager.

Terrie Silcox
Project Manager

N. Myron Gunsalus, Jr.
Laboratory Director

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Quality Control Summary

- **Laboratory Blank:** All analytes were below Reporting detection Limits (RDL).
- **Laboratory Control Sample:** Recoveries for analytes were within laboratory accuracy limits.
- **Matrix Spike/Matrix Spike Duplicate:** Recoveries for analytes were within laboratory precision

SW-846 Method 6010:

Due to suspected matrix effects, the matrix spike and matrix spike duplicate samples associated with the analyses of HBEL Samples 9001356001, -002 and -003 produced recoveries for Cadmium, Lead and Silver that were outside of established acceptance limits. Precision was acceptable for these analytes between the matrix spike and matrix spike duplicate samples, confirming a consistent matrix effect. Accuracy was demonstrated in the laboratory control sample. All other quality control criteria were met.

Eric Charest
Quality Assurance Manager

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FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	EXTR 3159 (47582)		
Original		**Prep Date**	02/10/99 15:34
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Method Blank [100556]

Run Instrument: P-E AutoGC Dual ECD

Parameter	Analyzed	Result	RDL	Units
1,2-Dibromoethane	02/10/99	ND	0.0025	ug/L
1,2-Dibromo-3-chloropropane	02/10/99	ND	0.0023	ug/L

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FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	EXTR 3159 (47582)		
Original		**Prep Date**	02/10/99 15:34
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Lab Control Sample [100557] - Lab Control Sample Duplicate [100560]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	LCS	0.092	92	60-140			.1ug/L	02/10/99	AUTOB_
	LCSD	0.092	92		0	0-20	.1ug/L	02/10/99	AUTOB_
1,2-Dibromo-3-chloropropane	LCS	0.092	92	60-140			.1ug/L	02/10/99	AUTOB_
	LCSD	0.088	88		4.4	0-20	.1ug/L	02/10/99	AUTOB_

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FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	EXTR 3159 (47582)		
Original	9001215001	**Prep Date**	02/10/99 15:34
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Matrix Spike [100558] - Matrix Spike Duplicate [100559]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	MS	ND	0.038	41	60-140			.092ug/L	02/10/99	AUTOB_
	MSD		0.042	45		9.3	0-20	.092ug/L	02/10/99	AUTOB_
1,2-Dibromo-3-chloropropane	MS	ND	0.06	65	60-140			.092ug/L	02/10/99	AUTOB_
	MSD		0.062	67		3	0-20	.092ug/L	02/10/99	AUTOB_

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FDEP QAP 870174

Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Method Blank [100846]

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
Acetone	02/11/99	ND	0.91	ug/L
Acrylonitrile	02/11/99	ND	2.4	ug/L
Benzene	02/11/99	ND	0.34	ug/L
Bromochloromethane	02/11/99	ND	0.91	ug/L
Bromodichloromethane	02/11/99	ND	0.80	ug/L
Bromoform	02/11/99	ND	1.5	ug/L
Bromomethane	02/11/99	ND	0.44	ug/L
Carbon disulfide	02/11/99	ND	0.63	ug/L
Carbon tetrachloride	02/11/99	ND	0.35	ug/L
Chlorobenzene	02/11/99	ND	0.54	ug/L
Chloroethane	02/11/99	ND	0.63	ug/L
Chloroform	02/11/99	ND	0.66	ug/L
Chloromethane	02/11/99	ND	0.65	ug/L
Dibromochloromethane	02/11/99	ND	0.86	ug/L
Dibromomethane	02/11/99	ND	1.0	ug/L
1,2-Dichlorobenzene	02/11/99	ND	1.1	ug/L
1,4-Dichlorobenzene	02/11/99	ND	1.0	ug/L
1,1-Dichloroethane	02/11/99	ND	1.1	ug/L
1,2-Dichloroethane	02/11/99	ND	1.7	ug/L
1,1-Dichloroethene	02/11/99	ND	0.51	ug/L
cis-1,2-Dichloroethene	02/11/99	ND	1.1	ug/L

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FDEP QAP 870174

Client	Pasco County
Workorder	Resource Recovery
QC Batch	VOC 1443 (47715)
Original	
Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Method Blank [100846] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,2-Dichloroethene	02/11/99	ND	0.47	ug/L
Methylene chloride	02/11/99	ND	1.2	ug/L
1,2-Dichloropropane	02/11/99	ND	0.59	ug/L
cis-1,3-Dichloropropene	02/11/99	ND	0.32	ug/L
trans-1,3-Dichloropropene	02/11/99	ND	0.46	ug/L
Ethylbenzene	02/11/99	ND	0.48	ug/L
2-Hexanone	02/11/99	ND	0.43	ug/L
2-Butanone	02/11/99	ND	0.75	ug/L
Methyl iodide	02/11/99	ND	1.6	ug/L
4-Methyl-2-pentanone	02/11/99	ND	0.79	ug/L
Styrene	02/11/99	ND	0.67	ug/L
Tetrachloroethene	02/11/99	ND	0.90	ug/L
1,1,1,2-Tetrachloroethane	02/11/99	ND	0.59	ug/L
1,1,2,2-Tetrachloroethane	02/11/99	ND	1.0	ug/L
Toluene	02/11/99	ND	0.40	ug/L
1,1,1-Trichloroethane	02/11/99	ND	1.1	ug/L
1,1,2-Trichloroethane	02/11/99	ND	0.58	ug/L
Trichloroethene	02/11/99	ND	0.66	ug/L
Trichlorofluoromethane	02/11/99	ND	0.86	ug/L
1,2,3-Trichloropropane	02/11/99	ND	1.6	ug/L
Vinyl chloride	02/11/99	ND	0.27	ug/L
o-Xylene	02/11/99	ND	1.3	ug/L
m-Xylene and p-Xylene	02/11/99	ND	0.83	ug/L
Total Xylenes	02/11/99	ND	1.5	ug/L

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	VOC 1443 (47715)		
Original Matrix	Environmental Water	**Analysis Method**	SW-846 8260

QC results for Method Blank [100846] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,4-Dichloro-2-butene	02/11/99	ND	0.79	ug/L
Vinyl acetate	02/11/99	ND	1.4	ug/L

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FDEP QAP 870174

Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	MS	ND	11	53	24-203			20ug/L	02/12/99	FN2655
	MSD		10	50		5.8	0-44	20ug/L	02/12/99	FN2655
Acrylonitrile	MS	ND	81	101	60-140			80ug/L	02/12/99	FN2655
	MSD		78	97		4	0-40	80ug/L	02/12/99	FN2655
Benzene	MS	ND	17	84	70-130			20ug/L	02/12/99	FN2655
	MSD		17	85		1.2	0-30	20ug/L	02/12/99	FN2655
Bromochloromethane	MS	ND	21	104	67.5-135.3			20ug/L	02/12/99	FN2655
	MSD		22	110		5.6	0-30	20ug/L	02/12/99	FN2655
Bromodichloromethane	MS	ND	21	104	64-135			20ug/L	02/12/99	FN2655
	MSD		21	107		2.8	0-32	20ug/L	02/12/99	FN2655
Bromoform	MS	ND	23	115	66.4-135.9			20ug/L	02/12/99	FN2655
	MSD		23	116		.87	0-30	20ug/L	02/12/99	FN2655
Bromomethane	MS	ND	15	76	50-150			20ug/L	02/12/99	FN2655
	MSD		17	85		11	0-38	20ug/L	02/12/99	FN2655
Carbon disulfide	MS	ND	16	79	46-162			20ug/L	02/12/99	FN2655
	MSD		15	75		5.2	0-37	20ug/L	02/12/99	FN2655
Carbon tetrachloride	MS	ND	20	98	69.6-130.7			20ug/L	02/12/99	FN2655
	MSD		20	101		3	0-35	20ug/L	02/12/99	FN2655
Chlorobenzene	MS	ND	19	97	70-130			20ug/L	02/12/99	FN2655
	MSD		20	99		2	0-30	20ug/L	02/12/99	FN2655

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Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water

Analysis Method SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Chloroethane	MS	ND	24	120	44.3-152.8			20ug/L	02/12/99	FN2655
	MSD		23	115		4.3	0-32	20ug/L	02/12/99	FN2655
Chloroform	MS	1.6	18	82	66.9-132.4			20ug/L	02/12/99	FN2655
	MSD		21	95		15	0-30	20ug/L	02/12/99	FN2655
Chloromethane	MS	ND	20	100	37.6-149.1			20ug/L	02/12/99	FN2655
	MSD		19	94		6.2	0-50	20ug/L	02/12/99	FN2655
Dibromochloromethane	MS	ND	21	105	70-130			20ug/L	02/12/99	FN2655
	MSD		22	109		3.7	0-30	20ug/L	02/12/99	FN2655
Dibromomethane	MS	ND	20	101	70-130			20ug/L	02/12/99	FN2655
	MSD		21	104		2.9	0-37	20ug/L	02/12/99	FN2655
1,2-Dichlorobenzene	MS	ND	20	100	70-130			20ug/L	02/12/99	FN2655
	MSD		20	102		2	0-35	20ug/L	02/12/99	FN2655
1,4-Dichlorobenzene	MS	ND	18	90	70-130			20ug/L	02/12/99	FN2655
	MSD		19	97		7.5	0-30	20ug/L	02/12/99	FN2655
1,1-Dichloroethane	MS	ND	21	104	68.9-133.6			20ug/L	02/12/99	FN2655
	MSD		20	100		3.9	0-30	20ug/L	02/12/99	FN2655
1,2-Dichloroethane	MS	ND	16	81	70-130			20ug/L	02/12/99	FN2655
	MSD		17	83		2.4	0-38	20ug/L	02/12/99	FN2655
1,1-Dichloroethene	MS	ND	17	85	50.8-137.7			20ug/L	02/12/99	FN2655
	MSD		16	81		4.8	0-37	20ug/L	02/12/99	FN2655
cis-1,2-Dichloroethene	MS	ND	18	88	70-130			20ug/L	02/12/99	FN2655
	MSD		23	117		28	0-34	20ug/L	02/12/99	FN2655
trans-1,2-Dichloroethene	MS	ND	18	89	64.6-130.9			20ug/L	02/12/99	FN2655
	MSD		18	89		0	0-35	20ug/L	02/12/99	FN2655

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Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water

Analysis Method SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Methylene chloride	MS	ND	19	97	53-156.8			20ug/L	02/12/99	FN2655
	MSD		20	100		3	0-31	20ug/L	02/12/99	FN2655
1,2-Dichloropropane	MS	ND	18	92	70-130			20ug/L	02/12/99	FN2655
	MSD		19	93		1.1	0-31	20ug/L	02/12/99	FN2655
cis-1,3-Dichloropropene	MS	ND	18	89	47-148			20ug/L	02/12/99	FN2655
	MSD		18	90		1.1	0-30	20ug/L	02/12/99	FN2655
trans-1,3-Dichloropropene	MS	ND	18	90	47-149			20ug/L	02/12/99	FN2655
	MSD		19	96		6.5	0-30	20ug/L	02/12/99	FN2655
Ethylbenzene	MS	ND	19	97	70-130			20ug/L	02/12/99	FN2655
	MSD		20	102		5	0-30	20ug/L	02/12/99	FN2655
2-Hexanone	MS	ND	18	91	53-146			20ug/L	02/12/99	FN2655
	MSD		18	90		1.1	0-30	20ug/L	02/12/99	FN2655
2-Butanone	MS	ND	13	65	56-156			20ug/L	02/12/99	FN2655
	MSD		16	82		23	0-30	20ug/L	02/12/99	FN2655
Methyl iodide	MS	ND	17	83	50-150			20ug/L	02/12/99	FN2655
	MSD		18	92		10	0-40	20ug/L	02/12/99	FN2655
4-Methyl-2-pentanone	MS	ND	19	95	63-141			20ug/L	02/12/99	FN2655
	MSD		19	96		1	0-30	20ug/L	02/12/99	FN2655
Styrene	MS	ND	19	96	70-130			20ug/L	02/12/99	FN2655
	MSD		20	99		3.1	0-30	20ug/L	02/12/99	FN2655
Tetrachloroethene	MS	ND	20	98	64.2-125.2			20ug/L	02/12/99	FN2655
	MSD		20	98		0	0-30	20ug/L	02/12/99	FN2655
1,1,1,2-Tetrachloroethane	MS	ND	21	107	70-130			20ug/L	02/12/99	FN2655
	MSD		22	108		.93	0-30	20ug/L	02/12/99	FN2655

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Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,1,2,2-Tetrachloroethane	MS	ND	21	105	70-130			20ug/L	02/12/99	FN2655
	MSD		21	105		0	0-30	20ug/L	02/12/99	FN2655
Toluene	MS	ND	19	95	70-130			20ug/L	02/12/99	FN2655
	MSD		19	94		1.1	0-30	20ug/L	02/12/99	FN2655
1,1,1-Trichloroethane	MS	ND	20	99	69.5-134.1			20ug/L	02/12/99	FN2655
	MSD		20	98		1	0-30	20ug/L	02/12/99	FN2655
1,1,2-Trichloroethane	MS	ND	20	99	70-130			20ug/L	02/12/99	FN2655
	MSD		20	98		1	0-37	20ug/L	02/12/99	FN2655
Trichloroethene	MS	ND	20	99	70-130			20ug/L	02/12/99	FN2655
	MSD		21	104		4.9	0-33	20ug/L	02/12/99	FN2655
Trichlorofluoromethane	MS	ND	18	91	59.2-131.5			20ug/L	02/12/99	FN2655
	MSD		19	97		6.4	0-30	20ug/L	02/12/99	FN2655
1,2,3-Trichloropropane	MS	ND	20	102	70-130			20ug/L	02/12/99	FN2655
	MSD		20	98		4	0-30	20ug/L	02/12/99	FN2655
Vinyl chloride	MS	ND	17	86	43.4-148.5			20ug/L	02/12/99	FN2655
	MSD		16	80		7.2	0-31	20ug/L	02/12/99	FN2655
o-Xylene	MS	ND	20	98	70-130			20ug/L	02/12/99	FN2655
	MSD		20	100		2	0-30	20ug/L	02/12/99	FN2655
m-Xylene and p-Xylene	MS	ND	39	97	70-130			40ug/L	02/12/99	FN2655
	MSD		39	98		1	0-30	40ug/L	02/12/99	FN2655
trans-1,4-Dichloro-2-butene	MS	ND	13	67	40-130			20ug/L	02/12/99	FN2655
	MSD		14	70		4.4	0-40	20ug/L	02/12/99	FN2655
Vinyl acetate	MS	ND	21	107	50-150			20ug/L	02/12/99	FN2655
	MSD		21	103		3.8	0-40	20ug/L	02/12/99	FN2655

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FDEP QAP 870174

Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Lab Control Sample [100849]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	LCS	14	71	24-203			20ug/L	02/12/99	FN2655
Acrylonitrile	LCS	91	114	60-140			80ug/L	02/12/99	FN2655
Benzene	LCS	18	91	59-127			20ug/L	02/12/99	FN2655
Bromochloromethane	LCS	22	108	67-131			20ug/L	02/12/99	FN2655
Bromodichloromethane	LCS	22	112	54-142			20ug/L	02/12/99	FN2655
Bromoform	LCS	25	126	70-130			20ug/L	02/12/99	FN2655
Bromomethane	LCS	17	85	50-150			20ug/L	02/12/99	FN2655
Carbon disulfide	LCS	16	78	46-162			20ug/L	02/12/99	FN2655
Carbon tetrachloride	LCS	20	98	56-140			20ug/L	02/12/99	FN2655
Chlorobenzene	LCS	21	103	70-130			20ug/L	02/12/99	FN2655
Chloroethane	LCS	24	119	34-195			20ug/L	02/12/99	FN2655
Chloroform	LCS	22	112	70-130			20ug/L	02/12/99	FN2655
Chloromethane	LCS	20	102	1-200			20ug/L	02/12/99	FN2655
Dibromochloromethane	LCS	23	117	70-130			20ug/L	02/12/99	FN2655
Dibromomethane	LCS	21	106	61-140			20ug/L	02/12/99	FN2655
1,2-Dichlorobenzene	LCS	23	115	71-131			20ug/L	02/12/99	FN2655
1,4-Dichlorobenzene	LCS	21	107	65-142			20ug/L	02/12/99	FN2655
1,1-Dichloroethane	LCS	22	110	70-135			20ug/L	02/12/99	FN2655
1,2-Dichloroethane	LCS	17	86	40-156			20ug/L	02/12/99	FN2655
1,1-Dichloroethene	LCS	17	85	31-183			20ug/L	02/12/99	FN2655

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Client Pasco County
Workorder Resource Recovery

QC Batch VOC 1443 (47715)
Original Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100849] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
cis-1,2-Dichloroethene	LCS	20	101	61-150			20ug/L	02/12/99	FN2655
trans-1,2-Dichloroethene	LCS	19	96	53-137			20ug/L	02/12/99	FN2655
Methylene chloride	LCS	19	96	60-168			20ug/L	02/12/99	FN2655
1,2-Dichloropropane	LCS	19	93	63-137			20ug/L	02/12/99	FN2655
cis-1,3-Dichloropropene	LCS	19	95	47-148			20ug/L	02/12/99	FN2655
trans-1,3-Dichloropropene	LCS	20	99	47-149			20ug/L	02/12/99	FN2655
Ethylbenzene	LCS	21	107	70-130			20ug/L	02/12/99	FN2655
2-Hexanone	LCS	22	110	53-146			20ug/L	02/12/99	FN2655
2-Butanone	LCS	17	87	56-156			20ug/L	02/12/99	FN2655
Methyl iodide	LCS	19	94	50-150			20ug/L	02/12/99	FN2655
4-Methyl-2-pentanone	LCS	22	111	63-141			20ug/L	02/12/99	FN2655
Styrene	LCS	21	106	70-130			20ug/L	02/12/99	FN2655
Tetrachloroethene	LCS	22	108	64-138			20ug/L	02/12/99	FN2655
1,1,1,2-Tetrachloroethane	LCS	24	118	70-130			20ug/L	02/12/99	FN2655
1,1,2,2-Tetrachloroethane	LCS	23	116	70-130			20ug/L	02/12/99	FN2655
Toluene	LCS	19	95	70-130			20ug/L	02/12/99	FN2655
1,1,1-Trichloroethane	LCS	20	102	70-130			20ug/L	02/12/99	FN2655
1,1,2-Trichloroethane	LCS	23	113	65-141			20ug/L	02/12/99	FN2655
Trichloroethene	LCS	21	105	72-132			20ug/L	02/12/99	FN2655
Trichlorofluoromethane	LCS	20	99	66-139			20ug/L	02/12/99	FN2655
1,2,3-Trichloropropane	LCS	24	121	70-130			20ug/L	02/12/99	FN2655
Vinyl chloride	LCS	18	90	48-179			20ug/L	02/12/99	FN2655
o-Xylene	LCS	21	106	70-137			20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100849] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
m-Xylene and p-Xylene	LCS	42	104	44-146			40ug/L	02/12/99	FN2655
trans-1,4-Dichloro-2-butene	LCS	16	78	50-150			20ug/L	02/12/99	FN2655
Vinyl acetate	LCS	22	110	50-150			20ug/L	02/12/99	FN2655

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2598 (47863)		
Original		**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Method Blank [101144]

Run Instrument: Perkin Elmer 4100 ZL

Parameter	Analyzed	Result	RDL	Units
Thallium	02/22/99	ND	0.0012	mg/L

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2598 (47863)		
Original		**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Lab Control Sample [101145]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	LCS	0.024	98	69-136			.025mg/L	02/22/99	PEGFAA

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2598 (47863)		
Original	9001304002	**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Matrix Spike [101146] - Matrix Spike Duplicate [101147]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	MS	ND	0.025	102	45-140			.025mg/L	02/22/99	PEGFAA
	MSD		0.025	101		.99	0-20	.025mg/L	02/22/99	PEGFAA

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Method Blank [101783]

Run Instrument: ThermoJarrellAsh 61E Trace ICP

Parameter	Analyzed	Result	RDL	Units
Antimony	02/21/99	ND	0.0040	mg/L
Arsenic	02/21/99	ND	0.0032	mg/L
Barium	02/21/99	ND	0.0018	mg/L
Beryllium	02/21/99	ND	0.0010	mg/L
Cadmium	02/21/99	ND	0.00070	mg/L
Chromium	02/21/99	ND	0.0018	mg/L
Cobalt	02/21/99	ND	0.0010	mg/L
Copper	02/21/99	ND	0.0014	mg/L
Lead	02/21/99	ND	0.0030	mg/L
Nickel	02/21/99	ND	0.0020	mg/L
Selenium	02/21/99	ND	0.0021	mg/L
Silver	02/21/99	ND	0.0010	mg/L
Vanadium	02/21/99	ND	0.00040	mg/L
Zinc	02/21/99	ND	0.10	mg/L

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FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Lab Control Sample [101784]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	LCS	0.23	93	80-120			.25mg/L	02/21/99	TJAICP
Arsenic	LCS	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
Barium	LCS	0.25	99	80-120			.25mg/L	02/21/99	TJAICP
Beryllium	LCS	0.048	96	80-120			.05mg/L	02/21/99	TJAICP
Cadmium	LCS	0.096	96	80-120			.1mg/L	02/21/99	TJAICP
Chromium	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Cobalt	LCS	0.097	97	80-120			.1mg/L	02/21/99	TJAICP
Copper	LCS	0.24	96	80-120			.25mg/L	02/21/99	TJAICP
Lead	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Nickel	LCS	0.25	98	80-120			.25mg/L	02/21/99	TJAICP
Selenium	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Silver	LCS	0.025	101	80-120			.025mg/L	02/21/99	TJAICP
Vanadium	LCS	0.096	96	80-120			.1mg/L	02/21/99	TJAICP
Zinc	LCS	0.25	102	80-120			.25mg/L	02/21/99	TJAICP

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original	9001309002	**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9001304001 9001304002 9001304003

QC results for Matrix Spike [101785] - Matrix Spike Duplicate [101786]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	MS	ND	0.22	90	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		1.1	0-20	.25mg/L	02/21/99	TJAICP
Arsenic	MS	ND	0.24	94	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.24	94		0	0-20	.25mg/L	02/21/99	TJAICP
Barium	MS	0.35	0.59	96	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.6	98		2.1	0-20	.25mg/L	02/21/99	TJAICP
Beryllium	MS	ND	0.047	95	80-120			.05mg/L	02/21/99	TJAICP
	MSD		0.048	96		1	0-20	.05mg/L	02/21/99	TJAICP
Cadmium	MS	ND	0.05	50	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.058	58		15	0-20	.1mg/L	02/21/99	TJAICP
Chromium	MS	ND	0.25	98	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	99		1	0-20	.25mg/L	02/21/99	TJAICP
Cobalt	MS	ND	0.1	100	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.1	100		0	0-20	.1mg/L	02/21/99	TJAICP
Copper	MS	ND	0.22	90	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		1.1	0-20	.25mg/L	02/21/99	TJAICP
Lead	MS	ND	0.15	59	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.17	68		14	0-20	.25mg/L	02/21/99	TJAICP
Nickel	MS	ND	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	100		0	0-20	.25mg/L	02/21/99	TJAICP

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Client	Pasco County		
Workorder	Resource Recovery		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original	9001309002	**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results for Matrix Spike [101785] - Matrix Spike Duplicate [101786] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Selenium	MS	ND	0.22	89	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		0	0-20	.25mg/L	02/21/99	TJAICP
Silver	MS	ND	0.016	64	80-120			.025mg/L	02/21/99	TJAICP
	MSD		0.018	71		10	0-20	.025mg/L	02/21/99	TJAICP
Vanadium	MS	0.0093	0.11	98	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.11	100		2	0-20	.1mg/L	02/21/99	TJAICP
Zinc	MS	ND	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	101		1	0-20	.25mg/L	02/21/99	TJAICP

End of Report

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Client Pasco County
Workorder Resource Recovery/Class I

QC Batch VOC 1443 (47715)
Original Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Method Blank [100846]

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
Acetone	02/11/99	ND	0.91	ug/L
Acrylonitrile	02/11/99	ND	2.4	ug/L
Benzene	02/11/99	ND	0.34	ug/L
Bromochloromethane	02/11/99	ND	0.91	ug/L
Bromodichloromethane	02/11/99	ND	0.80	ug/L
Bromoform	02/11/99	ND	1.5	ug/L
Bromomethane	02/11/99	ND	0.44	ug/L
Carbon disulfide	02/11/99	ND	0.63	ug/L
Carbon tetrachloride	02/11/99	ND	0.35	ug/L
Chlorobenzene	02/11/99	ND	0.54	ug/L
Chloroethane	02/11/99	ND	0.63	ug/L
Chloroform	02/11/99	ND	0.66	ug/L
Chloromethane	02/11/99	ND	0.65	ug/L
Dibromochloromethane	02/11/99	ND	0.86	ug/L
Dibromomethane	02/11/99	ND	1.0	ug/L
1,2-Dichlorobenzene	02/11/99	ND	1.1	ug/L
1,4-Dichlorobenzene	02/11/99	ND	1.0	ug/L
1,1-Dichloroethane	02/11/99	ND	1.1	ug/L
1,2-Dichloroethane	02/11/99	ND	1.7	ug/L
1,1-Dichloroethene	02/11/99	ND	0.51	ug/L
cis-1,2-Dichloroethene	02/11/99	ND	1.1	ug/L

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Client Pasco County
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QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Method Blank [100846] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,2-Dichloroethene	02/11/99	ND	0.47	ug/L
Methylene chloride	02/11/99	ND	1.2	ug/L
1,2-Dichloropropane	02/11/99	ND	0.59	ug/L
cis-1,3-Dichloropropene	02/11/99	ND	0.32	ug/L
trans-1,3-Dichloropropene	02/11/99	ND	0.46	ug/L
Ethylbenzene	02/11/99	ND	0.48	ug/L
2-Hexanone	02/11/99	ND	0.43	ug/L
2-Butanone	02/11/99	ND	0.75	ug/L
Methyl iodide	02/11/99	ND	1.6	ug/L
4-Methyl-2-pentanone	02/11/99	ND	0.79	ug/L
Styrene	02/11/99	ND	0.67	ug/L
Tetrachloroethene	02/11/99	ND	0.90	ug/L
1,1,1,2-Tetrachloroethane	02/11/99	ND	0.59	ug/L
1,1,2,2-Tetrachloroethane	02/11/99	ND	1.0	ug/L
Toluene	02/11/99	ND	0.40	ug/L
1,1,1-Trichloroethane	02/11/99	ND	1.1	ug/L
1,1,2-Trichloroethane	02/11/99	ND	0.58	ug/L
Trichloroethene	02/11/99	ND	0.66	ug/L
Trichlorofluoromethane	02/11/99	ND	0.86	ug/L
1,2,3-Trichloropropane	02/11/99	ND	1.6	ug/L
Vinyl chloride	02/11/99	ND	0.27	ug/L
o-Xylene	02/11/99	ND	1.3	ug/L
m-Xylene and p-Xylene	02/11/99	ND	0.83	ug/L
Total Xylenes	02/11/99	ND	1.5	ug/L

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Client	Pasco County
Workorder	Resource Recovery/Class I
QC Batch	VOC 1443 (47715)
Original Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Method Blank [100846] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,4-Dichloro-2-butene	02/11/99	ND	0.79	ug/L
Vinyl acetate	02/11/99	ND	1.4	ug/L

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Client Pasco County
Workorder Resource Recovery/Class I

QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	MS	ND	11	53	24-203			20ug/L	02/12/99	FN2655
	MSD		10	50		5.8	0-44	20ug/L	02/12/99	FN2655
Acrylonitrile	MS	ND	81	101	60-140			80ug/L	02/12/99	FN2655
	MSD		78	97		4	0-40	80ug/L	02/12/99	FN2655
Benzene	MS	ND	17	84	70-130			20ug/L	02/12/99	FN2655
	MSD		17	85		1.2	0-30	20ug/L	02/12/99	FN2655
Bromochloromethane	MS	ND	21	104	67.5-135.3			20ug/L	02/12/99	FN2655
	MSD		22	110		5.6	0-30	20ug/L	02/12/99	FN2655
Bromodichloromethane	MS	ND	21	104	64-135			20ug/L	02/12/99	FN2655
	MSD		21	107		2.8	0-32	20ug/L	02/12/99	FN2655
Bromoform	MS	ND	23	115	66.4-135.9			20ug/L	02/12/99	FN2655
	MSD		23	116		.87	0-30	20ug/L	02/12/99	FN2655
Bromomethane	MS	ND	15	76	50-150			20ug/L	02/12/99	FN2655
	MSD		17	85		11	0-38	20ug/L	02/12/99	FN2655
Carbon disulfide	MS	ND	16	79	46-162			20ug/L	02/12/99	FN2655
	MSD		15	75		5.2	0-37	20ug/L	02/12/99	FN2655
Carbon tetrachloride	MS	ND	20	98	69.6-130.7			20ug/L	02/12/99	FN2655
	MSD		20	101		3	0-35	20ug/L	02/12/99	FN2655
Chlorobenzene	MS	ND	19	97	70-130			20ug/L	02/12/99	FN2655
	MSD		20	99		2	0-30	20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Chloroethane	MS	ND	24	120	44.3-152.8			20ug/L	02/12/99	FN2655
	MSD		23	115		4.3	0-32	20ug/L	02/12/99	FN2655
Chloroform	MS	1.6	18	82	66.9-132.4			20ug/L	02/12/99	FN2655
	MSD		21	95		15	0-30	20ug/L	02/12/99	FN2655
Chloromethane	MS	ND	20	100	37.6-149.1			20ug/L	02/12/99	FN2655
	MSD		19	94		6.2	0-50	20ug/L	02/12/99	FN2655
Dibromochloromethane	MS	ND	21	105	70-130			20ug/L	02/12/99	FN2655
	MSD		22	109		3.7	0-30	20ug/L	02/12/99	FN2655
Dibromomethane	MS	ND	20	101	70-130			20ug/L	02/12/99	FN2655
	MSD		21	104		2.9	0-37	20ug/L	02/12/99	FN2655
1,2-Dichlorobenzene	MS	ND	20	100	70-130			20ug/L	02/12/99	FN2655
	MSD		20	102		2	0-35	20ug/L	02/12/99	FN2655
1,4-Dichlorobenzene	MS	ND	18	90	70-130			20ug/L	02/12/99	FN2655
	MSD		19	97		7.5	0-30	20ug/L	02/12/99	FN2655
1,1-Dichloroethane	MS	ND	21	104	68.9-133.6			20ug/L	02/12/99	FN2655
	MSD		20	100		3.9	0-30	20ug/L	02/12/99	FN2655
1,2-Dichloroethane	MS	ND	16	81	70-130			20ug/L	02/12/99	FN2655
	MSD		17	83		2.4	0-38	20ug/L	02/12/99	FN2655
1,1-Dichloroethene	MS	ND	17	85	50.8-137.7			20ug/L	02/12/99	FN2655
	MSD		16	81		4.8	0-37	20ug/L	02/12/99	FN2655
cis-1,2-Dichloroethene	MS	ND	18	88	70-130			20ug/L	02/12/99	FN2655
	MSD		23	117		28	0-34	20ug/L	02/12/99	FN2655
trans-1,2-Dichloroethene	MS	ND	18	89	64.6-130.9			20ug/L	02/12/99	FN2655
	MSD		18	89		0	0-35	20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Methylene chloride	MS	ND	19	97	53-156.8			20ug/L	02/12/99	FN2655
	MSD		20	100		3	0-31	20ug/L	02/12/99	FN2655
1,2-Dichloropropane	MS	ND	18	92	70-130			20ug/L	02/12/99	FN2655
	MSD		19	93		1.1	0-31	20ug/L	02/12/99	FN2655
cis-1,3-Dichloropropene	MS	ND	18	89	47-148			20ug/L	02/12/99	FN2655
	MSD		18	90		1.1	0-30	20ug/L	02/12/99	FN2655
trans-1,3-Dichloropropene	MS	ND	18	90	47-149			20ug/L	02/12/99	FN2655
	MSD		19	96		6.5	0-30	20ug/L	02/12/99	FN2655
Ethylbenzene	MS	ND	19	97	70-130			20ug/L	02/12/99	FN2655
	MSD		20	102		5	0-30	20ug/L	02/12/99	FN2655
2-Hexanone	MS	ND	18	91	53-146			20ug/L	02/12/99	FN2655
	MSD		18	90		1.1	0-30	20ug/L	02/12/99	FN2655
2-Butanone	MS	ND	13	65	56-156			20ug/L	02/12/99	FN2655
	MSD		16	82		23	0-30	20ug/L	02/12/99	FN2655
Methyl iodide	MS	ND	17	83	50-150			20ug/L	02/12/99	FN2655
	MSD		18	92		10	0-40	20ug/L	02/12/99	FN2655
4-Methyl-2-pentanone	MS	ND	19	95	63-141			20ug/L	02/12/99	FN2655
	MSD		19	96		1	0-30	20ug/L	02/12/99	FN2655
Styrene	MS	ND	19	96	70-130			20ug/L	02/12/99	FN2655
	MSD		20	99		3.1	0-30	20ug/L	02/12/99	FN2655
Tetrachloroethene	MS	ND	20	98	64.2-125.2			20ug/L	02/12/99	FN2655
	MSD		20	98		0	0-30	20ug/L	02/12/99	FN2655
1,1,1,2-Tetrachloroethane	MS	ND	21	107	70-130			20ug/L	02/12/99	FN2655
	MSD		22	108		.93	0-30	20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original 9001402001
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100847] - Matrix Spike Duplicate [100848] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,1,2,2-Tetrachloroethane	MS	ND	21	105	70-130			20ug/L	02/12/99	FN2655
	MSD		21	105		0	0-30	20ug/L	02/12/99	FN2655
Toluene	MS	ND	19	95	70-130			20ug/L	02/12/99	FN2655
	MSD		19	94		1.1	0-30	20ug/L	02/12/99	FN2655
1,1,1-Trichloroethane	MS	ND	20	99	69.5-134.1			20ug/L	02/12/99	FN2655
	MSD		20	98		1	0-30	20ug/L	02/12/99	FN2655
1,1,2-Trichloroethane	MS	ND	20	99	70-130			20ug/L	02/12/99	FN2655
	MSD		20	98		1	0-37	20ug/L	02/12/99	FN2655
Trichloroethene	MS	ND	20	99	70-130			20ug/L	02/12/99	FN2655
	MSD		21	104		4.9	0-33	20ug/L	02/12/99	FN2655
Trichlorofluoromethane	MS	ND	18	91	59.2-131.5			20ug/L	02/12/99	FN2655
	MSD		19	97		6.4	0-30	20ug/L	02/12/99	FN2655
1,2,3-Trichloropropane	MS	ND	20	102	70-130			20ug/L	02/12/99	FN2655
	MSD		20	98		4	0-30	20ug/L	02/12/99	FN2655
Vinyl chloride	MS	ND	17	86	43.4-148.5			20ug/L	02/12/99	FN2655
	MSD		16	80		7.2	0-31	20ug/L	02/12/99	FN2655
o-Xylene	MS	ND	20	98	70-130			20ug/L	02/12/99	FN2655
	MSD		20	100		2	0-30	20ug/L	02/12/99	FN2655
m-Xylene and p-Xylene	MS	ND	39	97	70-130			40ug/L	02/12/99	FN2655
	MSD		39	98		1	0-30	40ug/L	02/12/99	FN2655
trans-1,4-Dichloro-2-butene	MS	ND	13	67	40-130			20ug/L	02/12/99	FN2655
	MSD		14	70		4.4	0-40	20ug/L	02/12/99	FN2655
Vinyl acetate	MS	ND	21	107	50-150			20ug/L	02/12/99	FN2655
	MSD		21	103		3.8	0-40	20ug/L	02/12/99	FN2655

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Client Pasco County
Workorder Resource Recovery/Class I

QC Batch VOC 1443 (47715)
Original Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Lab Control Sample [100849]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	LCS	14	71	24-203			20ug/L	02/12/99	FN2655
Acrylonitrile	LCS	91	114	60-140			80ug/L	02/12/99	FN2655
Benzene	LCS	18	91	59-127			20ug/L	02/12/99	FN2655
Bromochloromethane	LCS	22	108	67-131			20ug/L	02/12/99	FN2655
Bromodichloromethane	LCS	22	112	54-142			20ug/L	02/12/99	FN2655
Bromoform	LCS	25	126	70-130			20ug/L	02/12/99	FN2655
Bromomethane	LCS	17	85	50-150			20ug/L	02/12/99	FN2655
Carbon disulfide	LCS	16	78	46-162			20ug/L	02/12/99	FN2655
Carbon tetrachloride	LCS	20	98	56-140			20ug/L	02/12/99	FN2655
Chlorobenzene	LCS	21	103	70-130			20ug/L	02/12/99	FN2655
Chloroethane	LCS	24	119	34-195			20ug/L	02/12/99	FN2655
Chloroform	LCS	22	112	70-130			20ug/L	02/12/99	FN2655
Chloromethane	LCS	20	102	1-200			20ug/L	02/12/99	FN2655
Dibromochloromethane	LCS	23	117	70-130			20ug/L	02/12/99	FN2655
Dibromomethane	LCS	21	106	61-140			20ug/L	02/12/99	FN2655
1,2-Dichlorobenzene	LCS	23	115	71-131			20ug/L	02/12/99	FN2655
1,4-Dichlorobenzene	LCS	21	107	65-142			20ug/L	02/12/99	FN2655
1,1-Dichloroethane	LCS	22	110	70-135			20ug/L	02/12/99	FN2655
1,2-Dichloroethane	LCS	17	86	40-156			20ug/L	02/12/99	FN2655
1,1-Dichloroethene	LCS	17	85	31-183			20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100849] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
cis-1,2-Dichloroethene	LCS	20	101	61-150			20ug/L	02/12/99	FN2655
trans-1,2-Dichloroethene	LCS	19	96	53-137			20ug/L	02/12/99	FN2655
Methylene chloride	LCS	19	96	60-168			20ug/L	02/12/99	FN2655
1,2-Dichloropropane	LCS	19	93	63-137			20ug/L	02/12/99	FN2655
cis-1,3-Dichloropropene	LCS	19	95	47-148			20ug/L	02/12/99	FN2655
trans-1,3-Dichloropropene	LCS	20	99	47-149			20ug/L	02/12/99	FN2655
Ethylbenzene	LCS	21	107	70-130			20ug/L	02/12/99	FN2655
2-Hexanone	LCS	22	110	53-146			20ug/L	02/12/99	FN2655
2-Butanone	LCS	17	87	56-156			20ug/L	02/12/99	FN2655
Methyl iodide	LCS	19	94	50-150			20ug/L	02/12/99	FN2655
4-Methyl-2-pentanone	LCS	22	111	63-141			20ug/L	02/12/99	FN2655
Styrene	LCS	21	106	70-130			20ug/L	02/12/99	FN2655
Tetrachloroethene	LCS	22	108	64-138			20ug/L	02/12/99	FN2655
1,1,1,2-Tetrachloroethane	LCS	24	118	70-130			20ug/L	02/12/99	FN2655
1,1,2,2-Tetrachloroethane	LCS	23	116	70-130			20ug/L	02/12/99	FN2655
Toluene	LCS	19	95	70-130			20ug/L	02/12/99	FN2655
1,1,1-Trichloroethane	LCS	20	102	70-130			20ug/L	02/12/99	FN2655
1,1,2-Trichloroethane	LCS	23	113	65-141			20ug/L	02/12/99	FN2655
Trichloroethene	LCS	21	105	72-132			20ug/L	02/12/99	FN2655
Trichlorofluoromethane	LCS	20	99	66-139			20ug/L	02/12/99	FN2655
1,2,3-Trichloropropane	LCS	24	121	70-130			20ug/L	02/12/99	FN2655
Vinyl chloride	LCS	18	90	48-179			20ug/L	02/12/99	FN2655
o-Xylene	LCS	21	106	70-137			20ug/L	02/12/99	FN2655

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QC Batch VOC 1443 (47715)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100849] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
m-Xylene and p-Xylene	LCS	42	104	44-146			40ug/L	02/12/99	FN2655
trans-1,4-Dichloro-2-butene	LCS	16	78	50-150			20ug/L	02/12/99	FN2655
Vinyl acetate	LCS	22	110	50-150			20ug/L	02/12/99	FN2655

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2598 (47863)		
Original		**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Method Blank [101144]

Run Instrument: Perkin Elmer 4100 ZL

Parameter	Analyzed	Result	RDL	Units
Thallium	02/22/99	ND	0.0012	mg/L

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2598 (47863)		
Original		**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Lab Control Sample [101145]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	LCS	0.024	98	69-136			.025mg/L	02/22/99	PEGFAA

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2598 (47863)		
Original	9001304002	**Prep Date**	02/15/99 16:33
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Matrix Spike [101146] - Matrix Spike Duplicate [101147]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	MS	ND	0.025	102	45-140			.025mg/L	02/22/99	PEGFAA
	MSD		0.025	101		.99	0-20	.025mg/L	02/22/99	PEGFAA

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3174 (48028)		
Original		**Prep Date**	02/18/99 16:41
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356001 9001356002

QC results for Method Blank [101500]

Run Instrument: P-E AutoGC Dual ECD

Parameter	Analyzed	Result	RDL	Units
1,2-Dibromoethane	02/18/99	ND	0.0025	ug/L
1,2-Dibromo-3-chloropropane	02/18/99	ND	0.0023	ug/L

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3174 (48028)		
Original		**Prep Date**	02/18/99 16:41
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356001 9001356002

QC results for Lab Control Sample [101501] - Lab Control Sample Duplicate [101504]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	LCS	0.11	113	60-140			.1ug/L	02/18/99	AUTOE_
	LCSD	0.11	112		.89	0-20	.1ug/L	02/18/99	AUTOE_
1,2-Dibromo-3-chloropropane	LCS	0.1	103	60-140			.1ug/L	02/18/99	AUTOE_
	LCSD	0.1	103		0	0-20	.1ug/L	02/18/99	AUTOE_

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3174 (48028)		
Original	9001338001	**Prep Date**	02/18/99 16:41
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356001 9001356002

QC results for Matrix Spike [101502] - Matrix Spike Duplicate [101503]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	MS	ND	0.071	75	60-140			.096ug/L	02/18/99	AUTOE_
	MSD		0.077	80		6.5	0-20	.096ug/L	02/18/99	AUTOE_
1,2-Dibromo-3-chloropropane	MS	ND	0.099	104	60-140			.096ug/L	02/18/99	AUTOE_
	MSD		0.1	105		.96	0-20	.096ug/L	02/18/99	AUTOE_

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3184 (48108)		
Original		**Prep Date**	02/18/99 12:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356003

QC results for Method Blank [101666]

Run Instrument: P-E AutoGC Dual ECD

Parameter	Analyzed	Result	RDL	Units
1,2-Dibromoethane	02/18/99	ND	0.0025	ug/L
1,2-Dibromo-3-chloropropane	02/18/99	ND	0.0023	ug/L

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3184 (48108)		
Original		**Prep Date**	02/19/99 12:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356003

QC results for Lab Control Sample [101667] - Lab Control Sample Duplicate [101670]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	LCS	0.094	94	60-140			.1ug/L	02/18/99	AUTOB_
	LCSD	0.091	91		3.2	0-20	.1ug/L	02/18/99	AUTOB_
1,2-Dibromo-3-chloropropane	LCS	0.13	126	60-140			.1ug/L	02/18/99	AUTOB_
	LCSD	0.11	108		15	0-20	.1ug/L	02/18/99	AUTOB_

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	EXTR 3184 (48108)		
Original	9001356003	**Prep Date**	02/18/99 12:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9001356003

QC results for Matrix Spike [101668] - Matrix Spike Duplicate [101669]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	MS	ND	0.094	94	60-140			.1ug/L	02/19/99	AUTOB_
	MSD		0.1	101		7.2	0-20	.1ug/L	02/19/99	AUTOB_
1,2-Dibromo-3-chloropropane	MS	ND	0.12	125	60-140			.1ug/L	02/19/99	AUTOB_
	MSD		0.13	131		4.7	0-20	.1ug/L	02/19/99	AUTOB_

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Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Method Blank [101783]

Run Instrument: ThermoJarrellAsh 61E Trace ICP

Parameter	Analyzed	Result	RDL	Units
Antimony	02/21/99	ND	0.0040	mg/L
Arsenic	02/21/99	ND	0.0032	mg/L
Barium	02/21/99	ND	0.0018	mg/L
Beryllium	02/21/99	ND	0.0010	mg/L
Cadmium	02/21/99	ND	0.00070	mg/L
Chromium	02/21/99	ND	0.0018	mg/L
Cobalt	02/21/99	ND	0.0010	mg/L
Copper	02/21/99	ND	0.0014	mg/L
Lead	02/21/99	ND	0.0030	mg/L
Nickel	02/21/99	ND	0.0020	mg/L
Selenium	02/21/99	ND	0.0021	mg/L
Silver	02/21/99	ND	0.0010	mg/L
Vanadium	02/21/99	ND	0.00040	mg/L
Zinc	02/21/99	ND	0.10	mg/L

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5600 US 1 North, Fort Pierce, FL 34946
561-465-2400, Ext. 285

FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Lab Control Sample [101784]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	LCS	0.23	93	80-120			.25mg/L	02/21/99	TJAICP
Arsenic	LCS	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
Barium	LCS	0.25	99	80-120			.25mg/L	02/21/99	TJAICP
Beryllium	LCS	0.048	96	80-120			.05mg/L	02/21/99	TJAICP
Cadmium	LCS	0.096	96	80-120			.1mg/L	02/21/99	TJAICP
Chromium	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Cobalt	LCS	0.097	97	80-120			.1mg/L	02/21/99	TJAICP
Copper	LCS	0.24	96	80-120			.25mg/L	02/21/99	TJAICP
Lead	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Nickel	LCS	0.25	98	80-120			.25mg/L	02/21/99	TJAICP
Selenium	LCS	0.24	97	80-120			.25mg/L	02/21/99	TJAICP
Silver	LCS	0.025	101	80-120			.025mg/L	02/21/99	TJAICP
Vanadium	LCS	0.096	96	80-120			.1mg/L	02/21/99	TJAICP
Zinc	LCS	0.25	102	80-120			.25mg/L	02/21/99	TJAICP

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FDEP QAP 870174

Client Pasco County
Workorder Resource Recovery/Class I

QC Batch MDIG 2606 (48175)
Original 9001309002
Matrix Environmental Water

Prep Method SW-846 Digestion 3005
Prep Date 02/19/99 12:08
Analysis Method SW-846 6010

QC results affect the following production samples:

9001356001 9001356002 9001356003

QC results for Matrix Spike [101785] - Matrix Spike Duplicate [101786]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	MS	ND	0.22	90	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		1.1	0-20	.25mg/L	02/21/99	TJAICP
Arsenic	MS	ND	0.24	94	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.24	94		0	0-20	.25mg/L	02/21/99	TJAICP
Barium	MS	0.35	0.59	96	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.6	98		2.1	0-20	.25mg/L	02/21/99	TJAICP
Beryllium	MS	ND	0.047	95	80-120			.05mg/L	02/21/99	TJAICP
	MSD		0.048	96		1	0-20	.05mg/L	02/21/99	TJAICP
Cadmium	MS	ND	0.05	50	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.058	58		15	0-20	.1mg/L	02/21/99	TJAICP
Chromium	MS	ND	0.25	98	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	99		1	0-20	.25mg/L	02/21/99	TJAICP
Cobalt	MS	ND	0.1	100	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.1	100		0	0-20	.1mg/L	02/21/99	TJAICP
Copper	MS	ND	0.22	90	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		1.1	0-20	.25mg/L	02/21/99	TJAICP
Lead	MS	ND	0.15	59	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.17	68		14	0-20	.25mg/L	02/21/99	TJAICP
Nickel	MS	ND	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	100		0	0-20	.25mg/L	02/21/99	TJAICP

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FDEP QAP 870174

Client	Pasco County		
Workorder	Resource Recovery/Class I		
QC Batch	MDIG 2606 (48175)	**Prep Method**	SW-846 Digestion 3005
Original	9001309002	**Prep Date**	02/19/99 12:08
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results for Matrix Spike [101785] - Matrix Spike Duplicate [101786] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Selenium	MS	ND	0.22	89	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.22	89		0	0-20	.25mg/L	02/21/99	TJAICP
Silver	MS	ND	0.016	64	80-120			.025mg/L	02/21/99	TJAICP
	MSD		0.018	71		10	0-20	.025mg/L	02/21/99	TJAICP
Vanadium	MS	0.0093	0.11	98	80-120			.1mg/L	02/21/99	TJAICP
	MSD		0.11	100		2	0-20	.1mg/L	02/21/99	TJAICP
Zinc	MS	ND	0.25	100	80-120			.25mg/L	02/21/99	TJAICP
	MSD		0.25	101		1	0-20	.25mg/L	02/21/99	TJAICP

End of Report

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 GWM Q-I
DATE: 02/23/99

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
75854	02/09/99	1320	CHRIS CHILDRESS	02/09/99	1415	WW
75855	02/09/99	1030	CHRIS CHILDRESS	02/09/99	1415	WW
75856	02/09/99	1145	CHRIS CHILDRESS	02/09/99	1415	WW

		CLIENT STATION ID:	4MW-1	4MW-4	4MW-5
		LAB #:	75854	75855	75856
WATER LEVEL	FEET		35.58	30.13	30.82
FIELD PH	STD. UNITS		7.00	7.30	7.37
FIELD TEMPERATURE	DEGREES C		24.90	23.90	23.30
FIELD CONDUCTIVITY	umhos/cm		1275	285	445
DISSOLVED OXYGEN, FIELD	mg/L		0.70	1.50	1.10
CHLORIDE	mg/L		277	8.45	80.8
COLOR	PCU		5	5	5
AMMONIA NITROGEN	mg/L		<0.03	<0.03	<0.03
NITRATE	mg/L		<0.11	0.58	1.30
TOTAL DISS.SOLIDS	mg/L		1480	252	682
TURBIDITY	NTU		0.07	0.46	0.10
IRON,TOTAL	mg/L		<0.02	0.03	<0.02
MERCURY,TOTAL	mg/L		0.0009	0.0003	0.0003
SODIUM,TOTAL	mg/L		110	3.15	9.86

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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CompQAP # 870167G

REPORT OF ANALYSES

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

PROJECT NAME: RES REC GWM Q-I
DATE: 02/19/99

LAB No.	SAMPLE DATE	SAMPLE TIME	SAMPLER	DELIVERY TO LAB DATE	DELIVERY TO LAB TIME	MATRIX
75806	02/08/99	1135	CHRIS CHILDRESS	02/08/99	1430	WW
75807	02/08/99	1250	CHRIS CHILDRESS	02/08/99	1430	WW
75808	02/08/99	1345	CHRIS CHILDRESS	02/08/99	1430	WW

		CLIENT STATION ID:	2MW-2	4MW-2	4MW-6
		LAB #:	75806	75807	75808
WATER LEVEL	FEET		37.59	37.11	34.83
FIELD PH	STD. UNITS		6.40	6.92	7.51
FIELD TEMPERATURE	DEGREES C		23.60	25.20	23.80
FIELD CONDUCTIVITY	umhos/cm		165	155	130
DISSOLVED OXYGEN, FIELD	mg/L		3.90	1.10	3.00
CHLORIDE	mg/L		5.14	4.28	6.00
COLOR	PCU		5	4	4
AMMONIA NITROGEN	mg/L		<0.03	<0.03	<0.03
NITRATE	mg/L		11.7	1.33	0.68
TOTAL DISS.SOLIDS	mg/L		184	123	126
TURBIDITY	NTU		0.37	0.07	0.31
IRON,TOTAL	mg/L		<0.02	<0.02	<0.02
MERCURY,TOTAL	mg/L		0.0006	0.0009	0.0003
SODIUM,TOTAL	mg/L		3.46	2.70	3.09

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CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/01/1999

QA/QC for SAMPLE Nos: 75854, 75855, 75856,
Page 1

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
CHLORIDE	75808	5.74	6.26	0.52	8.67	------	STD	80.0	75.2	94.00
SM4500CL E	75856	--------	--------	--------	--------	96.80	STD	80.0	99.0	79.20
mg/L	75962	265	269	4.0	1.50	------	STD	80.0	81.3	101.60
	75995	101.3	101.5	0.20	0.20	------	----------	--------	--------	------
	76017	283	288	5.0	1.75	------	----------	--------	--------	------
COLOR	75808	4	4	0	0.00	------	----------	--------	--------	------
SM 2120B										
PCU										
AMMONIA NITROGEN	75923	<0.03	<0.03	0.015	0.00	------	NH3 STD	1.200	1.090	90.83
SM4500NH3H	75931	--------	--------	--------	--------	85.28	----------	--------	--------	------
mg/L										
NITRATE	75809	4.67	4.74	0.070	1.49	------	NO3 STD	4.000	3.875	96.86
SM4500NO3F	75809	4.67	4.74	0.070	1.49	------	NO3 STD	4.000	3.875	96.86
mg/L	75825	1.00	1.01	0.010	1.00	------	----------	--------	--------	------
	75825	1.00	1.01	0.010	1.00	------	----------	--------	--------	------
	75850	0.50	0.52	0.020	3.92	------	----------	--------	--------	------
	75850	0.50	0.52	0.020	3.92	------	----------	--------	--------	------
	75856	--------	--------	--------	--------	101.92	----------	--------	--------	------
	75856	--------	--------	--------	--------	101.92	----------	--------	--------	------
	75863	0.28	0.27	0.010	3.64	------	----------	--------	--------	------
	75863	0.28	0.27	0.010	3.64	------	----------	--------	--------	------
TOTAL DISS.SOLIDS	75837	567	572	5.0	0.88	------	STD	293	300	102.30
SM2540C										
mg/L										

PASCO COUNTY, FLORIDA

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NEW PORT RICHEY, FL 34654
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DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/01/1999

QA/QC for SAMPLE Nos: 75854, 75855, 75856,

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
TURBIDITY SM 2130 B NTU		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
IRON,TOTAL SM3113B mg/L		NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS								
MERCURY,TOTAL SM3112B mg/L	75963	5.86	5.63	0.23	4.00	101.10	9987	6.67	6.00	90.00
SODIUM,TOTAL SM3111B mg/L	75806	3.49	3.46	0.030	0.86	101.10	----------	--------	--------	------

PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS DATE	TIME	ANALYST	MDL
CL- (auto)	SM4500CL E	02/15/99	1200	JK	0.62
COLOR	SM 2120B	02/09/99	1600	JK	0.0
COND,FIELD	SM2510B	02/08/99	1135	CSC	1
DO, FIELD	SM4500-O G	02/08/99	1135	CSC	0.01
FE/T/AA	SM3113B	02/12/99	1250	TER	0.001
FIELD TEMP	SM2550B	02/08/99	1135	CSC	0
H20 LEVEL	FIELD	02/08/99	1135	CSC	0.00
HG/T/CVAA	SM3112B	02/16/99	1600	TER	0.0005
NA/T/FLAA	SM3111B	02/12/99	1330	TER	0.01
NH3 (AUTO)	SM4500NH3H	02/09/99	1400	IF	0.03
NO3	SM4500NO3F	02/10/99	1530	IF	0.11
PH, FIELD	SM4500-H+B	02/08/99	1135	CSC	0.01
TDS	SM2540C	02/09/99	1100	JK	1
TURB	SM 2130 B	02/08/99	1445	CSC	0.01