405/M30035
DWACS 45799
1ST SEMI-ANNUAL 1999 GWMR c III

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

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

Dear Ms. Amram:

Enclosed please find the groundwater monitoring analyses from monitoring wells 2MW3A, 2MW7, 2MW8, 2MW9, 2MW10, 4MW3A, 4MW7, 4MW8, and 4MW9 at the West Pasco Class III landfill for the first semester (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.

No groundwater exceedence summary table is included since none of the wells exceeded any MCL's for regulated analytes. A groundwater contour map for this site is included with this submittal.

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

RECEIVED
MAY 17 1999
Solid Waste Section

DEP Form # 17-522.900(2)
Form Title GROUND WATER MONITORING REPORT
Effective Date
DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 17-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name HAYS ROAD CLASS III LANDFILL

Address

City Zip

Telephone Number ( )

(2) The GMS Identification Number 4051M30035

(3) DEP Permit Number 5051-182279

(4) Authorized Representative Name CANDIA E. MULHERN

Address 8864 GOVERNMENT DRIVE

City NEW PORT RICHEY, FLORIDA Zip 34654

Telephone Number (813) 847-8902

(5) Type of Discharge UNKNOWN

(6) Method of Discharge LANDFILL

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: 13 May '99 Candia E. Mulhern

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 870167

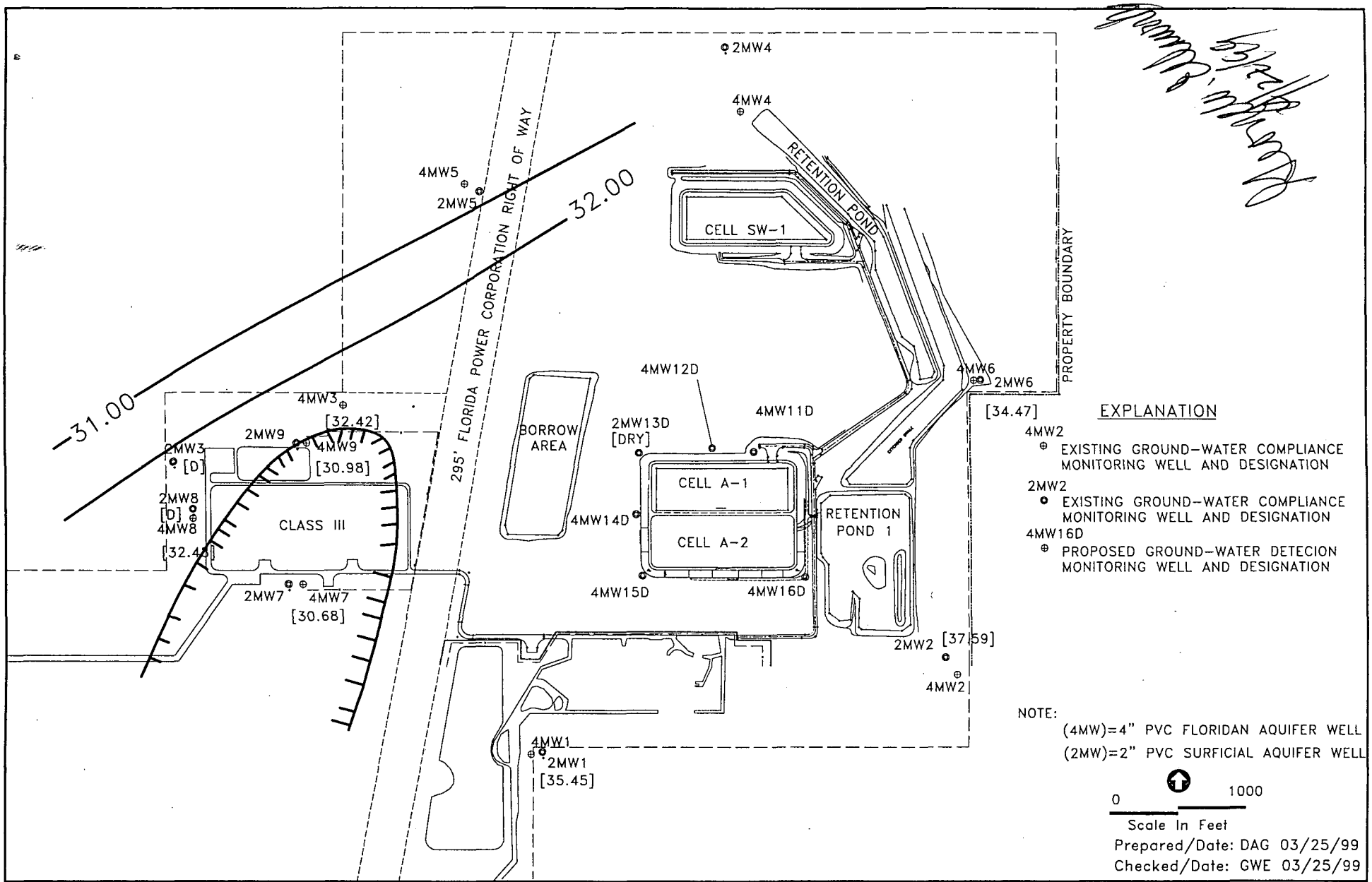
Analytical Lab Comp QAP #/HRS Certification # 54237;E44123; QAP #870167

*Comp QAP #/HRS Certification # 870174G; E93080; 93230

Lab Name PASCO COUNTY ENVIRONMENTAL LABORATORY

Address 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654

Phone Number (813) 847-8902



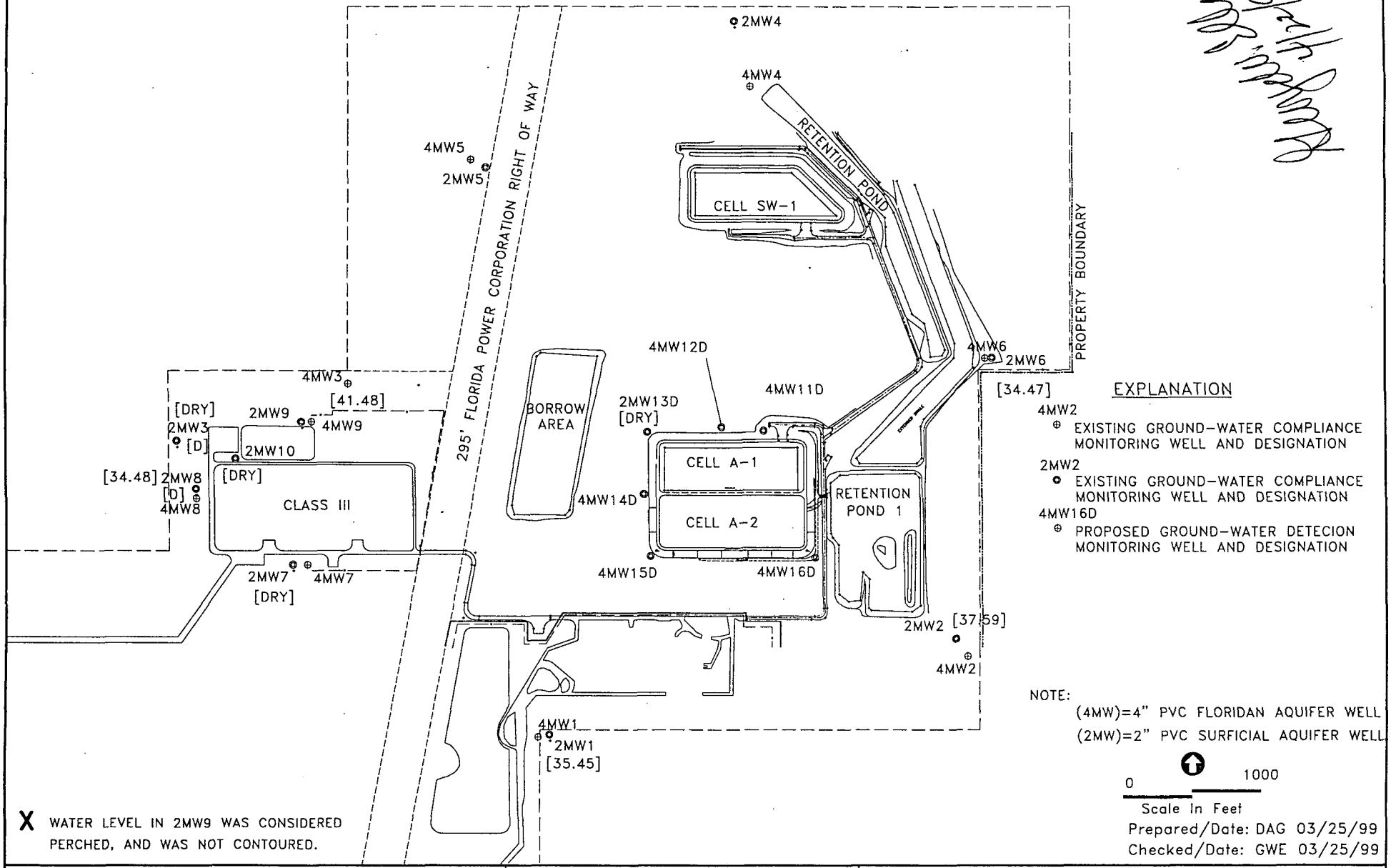
PASCO/4180323

West Pasco Class III 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
JANUARY 1999

Project 40141-8-0451 Figure 2



PASCO/4180323

West Pasco Class III 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
JANUARY 1999

Project 40141-8-0451

Figure 1

PART III ANALYTICAL RESULTS <CTRL-SHIFT-1>

Facility GMS #: 4051M30035 Sampling Date/Time: 01/26/99 @ 1345

Test Site ID #: 4051A16325 Report Period: 1999 / Quarter I (year/quarter)

Well Name: 4MW-3A 6322 Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): W2359

or (MSL): 32.42

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limts/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System 82545 620	No	SM 4500NO_3F	02/03/99 1700	<0.11	mg/L	0.11	mg/L
000929	Sodium	" 929	"	SM 3111B	02/01/99 0935	29.0	mg/L	0.01	mg/L
082079	Turbidity	" 70 940	"	SM 2130B	01/26/99 1450	0.37	NTU	0.01	NTU
000940	Chloride	" 70300 400	"	SM 4500Cl-B	02/08/99 1200	105	mg/L	0.15	mg/L
070300	Total Dis. Solids	" 1045 71900	"	SM 2540C	01/27/99 1500	445	mg/L	1	mg/L
000400	pH-Field	" 945 10	"	SM 4500H+B	01/26/99 1345	7.08	Std. Units	0.01	Std. Units
001045	Iron	" 680 94	"	SM 3113B	01/29/99 1510	0.17	mg/L	0.001	mg/L
071900	Mercury	" 425 1002	"	SM 3112B	02/02/99 1500	0.0004	mg/L	0.0002	mg/L
000945	Sulfate	" 1007 1087	"	EPA 375.4	02/04/99 0900	22.6	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B	02/05/99 1630	<0.03	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83	02/15/99 0930	<0.02	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B	01/26/99 1345	24.60	°C	0	°C
000680	TOC	"	"	SM 5310B	01/28/99 1300	<0.50	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/26/99 1345	580	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B	02/01/99 1310	151	mg/L	1	mg/L
072020	Water Level (MSL)	"	"		01/26/99 1345	32.42	Feet		Feet

*Attach Laboratory Reports

mo/s031902(6)

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

Pasco County

FDEP QAP 870174

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site # West Pasco Class III LF
Test Site Name 4mw3A

Sample Date/Lab ID 01/26/99 13:45 (9000827001)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
077651	1,2-Dibromoethane	SW-846 8011	02/09/99	ND	ug/L	0.0022	U	None
038437	1,2-Dibromo-3-chloropropane	SW-846 8011	02/09/99	ND	ug/L	0.0020	U	None
001097	Antimony	SW-846 6010	03/01/99	ND	ug/L	4.0	U	None
001002	Arsenic	SW-846 6010	03/01/99	6.4	ug/L	3.2	U	None
001007	Barium	SW-846 6010	03/01/99	19	ug/L	1.8	U	None
001012	Beryllium	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001027	Cadmium	SW-846 6010	03/01/99	ND	ug/L	0.70	U	None
001034	Chromium	SW-846 6010	03/01/99	ND	ug/L	1.8	U	None
001037	Cobalt	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001042	Copper	SW-846 6010	03/01/99	ND	ug/L	1.4	U	None
001051	Lead	SW-846 6010	03/01/99	ND	ug/L	3.0	U	None
001067	Nickel	SW-846 6010	03/01/99	ND	ug/L	2.0	U	None
001147	Selenium	SW-846 6010	03/01/99	ND	ug/L	2.1	U	None
001077	Silver	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001087	Vanadium	SW-846 6010	03/01/99	0.49	ug/L	0.40	U	None
001092	Zinc	SW-846 6010	03/01/99	ND	ug/L	100	U	None
001059	Thallium	SW-846 7841	03/24/99	ND	ug/L	1.2	U	None
081552	Acetone	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
034215	Acrylonitrile	SW-846 8260	02/05/99	ND	ug/L	2.4	U	None
034030	Benzene	SW-846 8260	02/05/99	ND	ug/L	0.34	U	None
077297	Bromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
032101	Bromodichloromethane	SW-846 8260	02/05/99	ND	ug/L	0.80	U	None
032104	Bromoform	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
034413	Bromomethane	SW-846 8260	02/05/99	ND	ug/L	0.44	U	None
077041	Carbon disulfide	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None
032102	Carbon tetrachloride	SW-846 8260	02/05/99	ND	ug/L	0.35	U	None
034301	Chlorobenzene	SW-846 8260	02/05/99	ND	ug/L	0.54	U	None
034311	Chloroethane	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None
032106	Chloroform	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034418	Chloromethane	SW-846 8260	02/05/99	ND	ug/L	0.65	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.
DEP Form 17-1.216(2)
Effective January 1,1983

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

Pasco County

FDEP QAP 870174

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 13:45 (9000827001)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
081521	Dibromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
081522	Dibromomethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034536	1,2-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034571	1,4-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034496	1,1-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034531	1,2-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.7	U	None
034501	1,1-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.51	U	None
077093	cis-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034546	trans-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.47	U	None
034423	Methylene chloride	SW-846 8260	02/05/99	ND	ug/L	1.2	U	None
034541	1,2-Dichloropropane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034704	cis-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.32	U	None
034699	trans-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.46	U	None
034371	Ethylbenzene	SW-846 8260	02/05/99	ND	ug/L	0.48	U	None
077103	2-Hexanone	SW-846 8260	02/05/99	ND	ug/L	0.43	U	None
081595	2-Butanone	SW-846 8260	02/05/99	ND	ug/L	0.75	U	None
077424	Methyl iodide	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None
081596	4-Methyl-2-pentanone	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077128	Styrene	SW-846 8260	02/05/99	ND	ug/L	0.67	U	None
034475	Tetrachloroethene	SW-846 8260	02/05/99	ND	ug/L	0.90	U	None
077562	1,1,1,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034516	1,1,2,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034010	Toluene	SW-846 8260	02/05/99	ND	ug/L	0.40	U	None
034506	1,1,1-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034511	1,1,2-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	0.58	U	None
039180	Trichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034488	Trichlorofluoromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
077443	1,2,3-Trichloropropane	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None
039175	Vinyl chloride	SW-846 8260	02/05/99	ND	ug/L	0.27	U	None
	o-Xylene	SW-846 8260	02/05/99	ND	ug/L	1.3	U	None

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DEP Form 17-1.216(2)
Effective January 1,1983

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

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 13:45 (9000827001)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
	m-Xylene and p-Xylene	SW-846 8260	02/05/99	ND	ug/L	0.83	U	None
081551	Total Xylenes	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
073547	trans-1,4-Dichloro-2-butene	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077057	Vinyl acetate	SW-846 8260	02/05/99	ND	ug/L	1.4	U	None

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DEP Form 17-1.216(2)
Effective January 1,1983

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 1115

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name 4MW-7 6232

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): W2340

or (MSL): 30.68

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F	02/03/99 1700	<0.11	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B	02/01/99 0935	3.44	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B	01/26/99 1450	0.18	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/08/99 1200	5.30	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	01/27/99 1500	159	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/26/99 1115	7.38	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B	01/29/99 1510	<0.01	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B	02/02/99 1500	0.0003	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4	02/04/99 0900	<1	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B	02/05/99 1630	<0.03	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83	02/15/99 0930	<0.02	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B	01/26/99 1115	22.70	°C	0	°C
000680	TOC	"	"	SM 5310B	01/28/99 1300	<0.50	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/26/99 1115	225	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B	02/01/99 1310	123	mg/L	1	mg/L
072020	Water Level (MSL)	"	"		01/26/99 1115	30.68	Feet		Feet

*Attach Laboratory Reports

mo/s031902(7)

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561-465-2400, Ext. 285

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name West Pasco Class III 4mw7

Sample Method Grab, where applicable

Sample Date/Lab ID 01/26/99 11:15 (9000827002)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
077651	1,2-Dibromoethane	EPA 504.1	02/20/99	ND	ug/L	0.0024	U	None
038437	1,2-Dibromo-3-chloropropane	EPA 504.1	02/20/99	ND	ug/L	0.0022	U	None
077651	1,2-Dibromoethane	SW-846 8011	02/10/99	ND	ug/L	0.0021	U	None
038437	1,2-Dibromo-3-chloropropane	SW-846 8011	02/10/99	ND	ug/L	0.0020	U	None
001097	Antimony	SW-846 6010	03/01/99	ND	ug/L	4.0	U	None
001002	Arsenic	SW-846 6010	03/01/99	3.4	ug/L	3.2	U	None
001007	Barium	SW-846 6010	03/01/99	4.8	ug/L	1.8	U	None
001012	Beryllium	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001027	Cadmium	SW-846 6010	03/01/99	ND	ug/L	0.70	U	None
001034	Chromium	SW-846 6010	03/01/99	ND	ug/L	1.8	U	None
001037	Cobalt	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001042	Copper	SW-846 6010	03/01/99	ND	ug/L	1.4	U	None
001051	Lead	SW-846 6010	03/01/99	ND	ug/L	3.0	U	None
001067	Nickel	SW-846 6010	03/01/99	ND	ug/L	2.0	U	None
001147	Selenium	SW-846 6010	03/01/99	ND	ug/L	2.1	U	None
001077	Silver	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001087	Vanadium	SW-846 6010	03/01/99	1.3	ug/L	0.40	U	None
001092	Zinc	SW-846 6010	03/01/99	ND	ug/L	100	U	None
001059	Thallium	SW-846 7841	02/03/99	ND	ug/L	1.2	U	None
081552	Acetone	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
034215	Acrylonitrile	SW-846 8260	02/05/99	ND	ug/L	2.4	U	None
034030	Benzene	SW-846 8260	02/05/99	ND	ug/L	0.34	U	None
077297	Bromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
032101	Bromodichloromethane	SW-846 8260	02/05/99	ND	ug/L	0.80	U	None
032104	Bromoform	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
034413	Bromomethane	SW-846 8260	02/05/99	ND	ug/L	0.44	U	None
077041	Carbon disulfide	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None
032102	Carbon tetrachloride	SW-846 8260	02/05/99	ND	ug/L	0.35	U	None
034301	Chlorobenzene	SW-846 8260	02/05/99	ND	ug/L	0.54	U	None
034311	Chloroethane	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

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FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 11:15 (9000827002)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
032106	Chloroform	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034418	Chloromethane	SW-846 8260	02/05/99	ND	ug/L	0.65	U	None
081521	Dibromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
081522	Dibromomethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034536	1,2-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034571	1,4-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034496	1,1-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034531	1,2-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.7	U	None
034501	1,1-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.51	U	None
077093	cis-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034546	trans-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.47	U	None
034423	Methylene chloride	SW-846 8260	02/05/99	ND	ug/L	1.2	U	None
034541	1,2-Dichloropropane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034704	cis-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.32	U	None
034699	trans-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.46	U	None
034371	Ethylbenzene	SW-846 8260	02/05/99	ND	ug/L	0.48	U	None
077103	2-Hexanone	SW-846 8260	02/05/99	ND	ug/L	0.43	U	None
081595	2-Butanone	SW-846 8260	02/05/99	ND	ug/L	0.75	U	None
077424	Methyl iodide	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None
081596	4-Methyl-2-pentanone	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077128	Styrene	SW-846 8260	02/05/99	ND	ug/L	0.67	U	None
034475	Tetrachloroethene	SW-846 8260	02/05/99	ND	ug/L	0.90	U	None
077562	1,1,1,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034516	1,1,2,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034010	Toluene	SW-846 8260	02/05/99	ND	ug/L	0.40	U	None
034506	1,1,1-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034511	1,1,2-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	0.58	U	None
039180	Trichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034488	Trichlorofluoromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
077443	1,2,3-Trichloropropane	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

DEP Form 17-1.216(2)
Effective January 1,1983

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

Pasco County

FDEP QAP 870174

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 11:15 (9000827002)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
039175	Vinyl chloride	SW-846 8260	02/05/99	ND	ug/L	0.27	U	None
	o-Xylene	SW-846 8260	02/05/99	ND	ug/L	1.3	U	None
	m-Xylene and p-Xylene	SW-846 8260	02/05/99	ND	ug/L	0.83	U	None
081551	Total Xylenes	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
073547	trans-1,4-Dichloro-2-butene	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077057	Vinyl acetate	SW-846 8260	02/05/99	ND	ug/L	1.4	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

DEP Form 17-1.216(2)
Effective January 1,1983

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 1000

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name: 4MW-8 6233

Well Purged (Y/N): YES

Classification of Groundwater: Floridan

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

Groundwater Elevation (NGVD): W2341

or (MSL): 32.48

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limts/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F	02/03/99 1700	<0.11	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B	02/01/99 0935	3.59	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B	01/26/99 1450	1.09	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/08/99 1200	7.89	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	01/27/99 1500	207	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/26/99 1000	7.22	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B	01/29/99 1510	<0.01	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B	02/02/99 1500	0.0004	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4	02/04/99 0900	<1	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B	02/05/99 1630	<0.03	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83	02/15/99 0930	<0.02	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B	01/26/99 1000	21.40	°C	0	°C
000680	TOC	"	"	SM 5310B	01/28/99 1300	<0.50	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/26/99 1000	260	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B	02/01/99 1310	145	mg/L	1	mg/L
072020	Water Level (MSL)	"	"		01/26/99 1000	32.48	Feet		Feet

*Attach Laboratory Reports

mo/s031902(8)

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

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site # West Pasco Class III LF
Test Site Name 4MW8

Sample Date/Lab ID 01/26/99 10:00 (9000827003)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
077651	1,2-Dibromoethane	EPA 504.1	02/20/99	ND	ug/L	0.0024	U	None
038437	1,2-Dibromo-3-chloropropane	EPA 504.1	02/20/99	ND	ug/L	0.0022	U	None
077651	1,2-Dibromoethane	SW-846 8011	02/10/99	ND	ug/L	0.0022	U	None
038437	1,2-Dibromo-3-chloropropane	SW-846 8011	02/10/99	ND	ug/L	0.0020	U	None
001097	Antimony	SW-846 6010	03/01/99	ND	ug/L	4.0	U	None
001002	Arsenic	SW-846 6010	03/01/99	4.0	ug/L	3.2	U	None
001007	Barium	SW-846 6010	03/01/99	6.2	ug/L	1.8	U	None
001012	Beryllium	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001027	Cadmium	SW-846 6010	03/01/99	ND	ug/L	0.70	U	None
001034	Chromium	SW-846 6010	03/01/99	ND	ug/L	1.8	U	None
001037	Cobalt	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001042	Copper	SW-846 6010	03/01/99	ND	ug/L	1.4	U	None
001051	Lead	SW-846 6010	03/01/99	ND	ug/L	3.0	U	None
001067	Nickel	SW-846 6010	03/01/99	ND	ug/L	2.0	U	None
001147	Selenium	SW-846 6010	03/01/99	ND	ug/L	2.1	U	None
001077	Silver	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001087	Vanadium	SW-846 6010	03/01/99	1.1	ug/L	0.40	U	None
001092	Zinc	SW-846 6010	03/01/99	ND	ug/L	100	U	None
001059	Thallium	SW-846 7841	02/03/99	ND	ug/L	1.2	U	None
081552	Acetone	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
034215	Acrylonitrile	SW-846 8260	02/05/99	ND	ug/L	2.4	U	None
034030	Benzene	SW-846 8260	02/05/99	ND	ug/L	0.34	U	None
077297	Bromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
032101	Bromodichloromethane	SW-846 8260	02/05/99	ND	ug/L	0.80	U	None
032104	Bromoform	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
034413	Bromomethane	SW-846 8260	02/05/99	ND	ug/L	0.44	U	None
077041	Carbon disulfide	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None
032102	Carbon tetrachloride	SW-846 8260	02/05/99	ND	ug/L	0.35	U	None
034301	Chlorobenzene	SW-846 8260	02/05/99	ND	ug/L	0.54	U	None
034311	Chloroethane	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None

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DEP Form 17-1.216(2)
Effective January 1,1983

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

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 10:00 (9000827003)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
032106	Chloroform	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034418	Chloromethane	SW-846 8260	02/05/99	ND	ug/L	0.65	U	None
081521	Dibromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
081522	Dibromomethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034536	1,2-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034571	1,4-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034496	1,1-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034531	1,2-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.7	U	None
034501	1,1-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.51	U	None
077093	cis-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034546	trans-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.47	U	None
034423	Methylene chloride	SW-846 8260	02/05/99	ND	ug/L	1.2	U	None
034541	1,2-Dichloropropane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034704	cis-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.32	U	None
034699	trans-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.46	U	None
034371	Ethylbenzene	SW-846 8260	02/05/99	ND	ug/L	0.48	U	None
077103	2-Hexanone	SW-846 8260	02/05/99	ND	ug/L	0.43	U	None
081595	2-Butanone	SW-846 8260	02/05/99	ND	ug/L	0.75	U	None
077424	Methyl iodide	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None
081596	4-Methyl-2-pentanone	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077128	Styrene	SW-846 8260	02/05/99	ND	ug/L	0.67	U	None
034475	Tetrachloroethene	SW-846 8260	02/05/99	ND	ug/L	0.90	U	None
077562	1,1,1,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034516	1,1,2,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034010	Toluene	SW-846 8260	02/05/99	ND	ug/L	0.40	U	None
034506	1,1,1-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034511	1,1,2-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	0.58	U	None
039180	Trichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034488	Trichlorofluoromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
077443	1,2,3-Trichloropropane	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None

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DEP Form 17-1.216(2)
Effective January 1,1983

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

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 10:00 (9000827003)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
039175	Vinyl chloride	SW-846 8260	02/05/99	ND	ug/L	0.27	U	None
	o-Xylene	SW-846 8260	02/05/99	ND	ug/L	1.3	U	None
	m-Xylene and p-Xylene	SW-846 8260	02/05/99	ND	ug/L	0.83	U	None
081551	Total Xylenes	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
073547	trans-1,4-Dichloro-2-butene	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077057	Vinyl acetate	SW-846 8260	02/05/99	ND	ug/L	1.4	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

DEP Form 17-1.216(2)
Effective January 1,1983

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Test Site ID #: 4051A16325

Well Name: 4MW-9 6234

Classification of Groundwater: Floridan

Groundwater Elevation (NGVD): W2342

or (MSL): 30.98

Sampling Date/Time: 01/26/99 @ 1145

Report Period: 1999 / Quarter I
(year/quarter)

Well Purged (Y/N): YES

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

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limts/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F	02/03/99 1700	0.19	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B	02/01/99 0935	4.60	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B	01/26/99 1450	0.10	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B	02/08/99 1200	19.0	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C	01/27/99 1500	229	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B	01/26/99 1145	7.20	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B	01/29/99 1510	<0.01	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B	02/02/99 1500	0.0003	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4	02/04/99 0900	1.89	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B	02/05/99 1630	<0.03	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83	02/15/99 0930	<0.02	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B	01/26/99 1145	23.50	°C	0	°C
000680	TOC	"	"	SM 5310B	01/28/99 1300	<0.50	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	01/26/99 1145	315	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B	02/01/99 1310	152	mg/L	1	mg/L
072020	Water Level (MSL)	"	"		01/26/99 1145	30.98	Feet		Feet

*Attach Laboratory Reports

mo/s031902(9)

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561-465-2400, Ext. 285

Pasco County

FDEP QAP 870174

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name West Pasco Class III LF
4mw9

Sample Method Grab, where applicable

Sample Date/Lab ID 01/26/99 11:45 (9000827004)
Site Type
[ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
077651	1,2-Dibromoethane	EPA 504.1	02/20/99	ND	ug/L	0.0023	U	None
038437	1,2-Dibromo-3-chloropropane	EPA 504.1	02/20/99	ND	ug/L	0.0021	U	None
077651	1,2-Dibromoethane	SW-846 8011	02/10/99	ND	ug/L	0.0022	U	None
038437	1,2-Dibromo-3-chloropropane	SW-846 8011	02/10/99	ND	ug/L	0.0020	U	None
001097	Antimony	SW-846 6010	03/01/99	ND	ug/L	4.0	U	None
001002	Arsenic	SW-846 6010	03/01/99	4.0	ug/L	3.2	U	None
001007	Barium	SW-846 6010	03/01/99	19	ug/L	1.8	U	None
001012	Beryllium	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001027	Cadmium	SW-846 6010	03/01/99	ND	ug/L	0.70	U	None
001034	Chromium	SW-846 6010	03/01/99	ND	ug/L	1.8	U	None
001037	Cobalt	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001042	Copper	SW-846 6010	03/01/99	ND	ug/L	1.4	U	None
001051	Lead	SW-846 6010	03/01/99	ND	ug/L	3.0	U	None
001067	Nickel	SW-846 6010	03/01/99	ND	ug/L	2.0	U	None
001147	Selenium	SW-846 6010	03/01/99	ND	ug/L	2.1	U	None
001077	Silver	SW-846 6010	03/01/99	ND	ug/L	1.0	U	None
001087	Vanadium	SW-846 6010	03/01/99	ND	ug/L	0.40	U	None
001092	Zinc	SW-846 6010	03/01/99	ND	ug/L	100	U	None
001059	Thallium	SW-846 7841	02/03/99	ND	ug/L	1.2	U	None
081552	Acetone	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
034215	Acrylonitrile	SW-846 8260	02/05/99	ND	ug/L	2.4	U	None
034030	Benzene	SW-846 8260	02/05/99	ND	ug/L	0.34	U	None
077297	Bromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.91	U	None
032101	Bromodichloromethane	SW-846 8260	02/05/99	ND	ug/L	0.80	U	None
032104	Bromoform	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
034413	Bromomethane	SW-846 8260	02/05/99	ND	ug/L	0.44	U	None
077041	Carbon disulfide	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None
032102	Carbon tetrachloride	SW-846 8260	02/05/99	ND	ug/L	0.35	U	None
034301	Chlorobenzene	SW-846 8260	02/05/99	ND	ug/L	0.54	U	None
034311	Chloroethane	SW-846 8260	02/05/99	ND	ug/L	0.63	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

DEP Form 17-1.216(2)
Effective January 1,1983

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561-465-2400, Ext. 285

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 11:45 (9000827004)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
032106	Chloroform	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034418	Chloromethane	SW-846 8260	02/05/99	ND	ug/L	0.65	U	None
081521	Dibromochloromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
081522	Dibromomethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034536	1,2-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034571	1,4-Dichlorobenzene	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034496	1,1-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034531	1,2-Dichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.7	U	None
034501	1,1-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.51	U	None
077093	cis-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034546	trans-1,2-Dichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.47	U	None
034423	Methylene chloride	SW-846 8260	02/05/99	ND	ug/L	1.2	U	None
034541	1,2-Dichloropropane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034704	cis-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.32	U	None
034699	trans-1,3-Dichloropropene	SW-846 8260	02/05/99	ND	ug/L	0.46	U	None
034371	Ethylbenzene	SW-846 8260	02/05/99	ND	ug/L	0.48	U	None
077103	2-Hexanone	SW-846 8260	02/05/99	ND	ug/L	0.43	U	None
081595	2-Butanone	SW-846 8260	02/05/99	ND	ug/L	0.75	U	None
077424	Methyl iodide	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None
081596	4-Methyl-2-pentanone	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077128	Styrene	SW-846 8260	02/05/99	ND	ug/L	0.67	U	None
034475	Tetrachloroethene	SW-846 8260	02/05/99	ND	ug/L	0.90	U	None
077562	1,1,1,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	0.59	U	None
034516	1,1,2,2-Tetrachloroethane	SW-846 8260	02/05/99	ND	ug/L	1.0	U	None
034010	Toluene	SW-846 8260	02/05/99	ND	ug/L	0.40	U	None
034506	1,1,1-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	1.1	U	None
034511	1,1,2-Trichloroethane	SW-846 8260	02/05/99	ND	ug/L	0.58	U	None
039180	Trichloroethene	SW-846 8260	02/05/99	ND	ug/L	0.66	U	None
034488	Trichlorofluoromethane	SW-846 8260	02/05/99	ND	ug/L	0.86	U	None
077443	1,2,3-Trichloropropane	SW-846 8260	02/05/99	ND	ug/L	1.6	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

DEP Form 17-1.216(2)
Effective January 1,1983

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

FDEP QAP 870174

Pasco County

PARAMETER MONITORING REPORT
(Rule 62-522.600(11))

GMS #
Test Site #
Test Site Name

Sample Date/Lab ID 01/26/99 11:45 (9000827004)
Site Type [ ] Background
[ ] Site Boundary
[ ] Intermediate
[ ] Compliance
[ ] Other: Leachate

Sample Method Grab, where applicable

Storet Code	Parameter Monitored	Analysis Method	Analysis Date	Analysis Result	Units	Detection Limit	Filtered/ Unfiltered	Preservative Added
039175	Vinyl chloride	SW-846 8260	02/05/99	ND	ug/L	0.27	U	None
	o-Xylene	SW-846 8260	02/05/99	ND	ug/L	1.3	U	None
	m-Xylene and p-Xylene	SW-846 8260	02/05/99	ND	ug/L	0.83	U	None
081551	Total Xylenes	SW-846 8260	02/05/99	ND	ug/L	1.5	U	None
073547	trans-1,4-Dichloro-2-butene	SW-846 8260	02/05/99	ND	ug/L	0.79	U	None
077057	Vinyl acetate	SW-846 8260	02/05/99	ND	ug/L	1.4	U	None

* Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.
DEP Form 17-1.216(2)
Effective January 1,1983

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 1215

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-3A

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): _____

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B		Dry	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B		Dry	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B		Dry	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83		Dry	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000680	TOC	"	"	SM 5310B		Dry	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry	mg/L	1	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/s031902(1)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 1015

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-7

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD):

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B		Dry	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B		Dry	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B		Dry	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83		Dry	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000680	TOC	"	"	SM 5310B		Dry	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry	mg/L	1	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/s031902(2)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 0945

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-8

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD): _____

or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B		Dry	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B		Dry	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B		Dry	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83		Dry	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000680	TOC	"	"	SM 5310B		Dry	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry	mg/L	1	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/s031902(3)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 0915

Test Site ID #: 4051A16325

Report Period: 1999 / Quarter I (year/quarter)

Well Name: 2MW-9

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD):

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B		Dry	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B		Dry	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B		Dry	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83		Dry	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000680	TOC	"	"	SM 5310B		Dry	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry	mg/L	1	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/s031902(4)

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Sampling Date/Time: 01/26/99 @ 0930

Test Site ID #: 4051A16325

Report Period: / Quarter (year/quarter)

Well Name: 2MW-10

Well Purged (Y/N): YES

Classification of Groundwater: Surficial

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

Groundwater Elevation (NGVD):

or (MSL):

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limts/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F		Dry	mg/L	0.11	mg/L
000929	Sodium	"	"	SM 3111B		Dry	mg/L	0.01	mg/L
082079	Turbidity	"	"	SM 2130B		Dry	NTU	0.01	NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry	mg/L	0.15	mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry	mg/L	1	mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry	Std. Units	0.01	Std. Units
001045	Iron	"	"	SM 3113B		Dry	mg/L	0.001	mg/L
071900	Mercury	"	"	SM 3112B		Dry	mg/L	0.0002	mg/L
000945	Sulfate	"	"	EPA 375.4		Dry	mg/L	1	mg/L
000610	Ammonia	"	"	SM 4500NH_3B		Dry	mg/L	0.03	mg/L
000612	NH4-N	"	"	DEP SOP 10/03/83		Dry	mg/L	0.02	mg/L
000010	Temperature (Field)	"	"	SM 2550B		Dry	°C	0	°C
000680	TOC	"	"	SM 5310B		Dry	mg/L	0.5	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry	µmhos/cm	0.00	µmhos/cm
000410	Bicarbonate	"	"	SM 2320B		Dry	mg/L	1	mg/L
072020	Water Level (MSL)	"	"			Dry	Feet		Feet

*Attach Laboratory Reports

mo/s031902(5)

PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

CLASS III LANDFILL
HAYS ROAD
SHADY HILLS, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: CL-III GWM Q-1
DATE: 02/17/99

SAMPLE NUMBER- 75357 SAMPLE ID- 4MW-3A SAMPLE MATRIX- WW
DATE SAMPLED- 01/26/99 TIME SAMPLED- 1345
DATE RECEIVED- 01/26/99 SAMPLER- CHRIS CHILDRESS RECEIVED BY- MAS
TIME RECEIVED- 1410 DELIVERED BY- CHRIS CHILDRESS TYPE SAMPLE- Pumped

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			01/26/99	1345	CSC	32.42	FEET	
FIELD PH	SM4500-H+B			01/26/99	1345	CSC	7.08	STD. UNITS	
FIELD TEMPERATURE	SM2550B			01/26/99	1345	CSC	24.60	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			01/26/99	1345	CSC	580	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/26/99	1345	CSC	0.40	mg/L	
ALKALINITY,BICARB.	SM2320B			02/01/99	1310	JK	151	mg/l	
TOT.ORGANIC CARBON	SM 5310			01/28/99	1300	IF	<0.50	mg/L	
CHLORIDE	SM4500CL E			02/08/99	1200	JK	105	mg/L	
COLOR	SM 2120B			01/28/99	1615	JK	2	PCU	
FECAL COLIFORM MF	SM9222D			01/26/99	1430	AS	<1	MF/100 ml	
AMMONIA NITROGEN	SM4500NH3H			02/05/99	1630	IF	<0.03	mg/L	
UN-IONIZED AMMONIA N	DEP SOP			02/15/99	0930	CEM	<0.02	mg/L	
NITRATE	SM4500NO3F			02/03/99	1700	IF	<0.11	mg/L	
TOTAL DISS.SOLIDS	SM2540C			01/27/99	1500	JK	445	mg/L	
SULFATE	EPA375.4			02/04/99	0900	JK	22.6	mg/L	
TURBIDITY	SM 2130 B			01/26/99	1450	CSC	0.37	NTU	
IRON,TOTAL	SM3113B	01/29/99	TER	01/29/99	1510	TER	0.17	mg/L	
MERCURY,TOTAL	SM3112B			02/02/99	1500	TER	0.0004	mg/L	
SODIUM,TOTAL	SM3111B	01/29/99	TER	02/01/99	0935	TER	29.0	mg/L	

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

CLASS III LANDFILL
HAYS ROAD
SHADY HILLS, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: CL-III GWM Q-I
DATE: 02/17/99

SAMPLE NUMBER- 75358 SAMPLE ID- 4MW-7 SAMPLE MATRIX- WW
DATE SAMPLED- 01/26/99 TIME SAMPLED- 1115
DATE RECEIVED- 01/26/99 SAMPLER- CHRIS CHILDRESS RECEIVED BY- MAS
TIME RECEIVED- 1410 DELIVERED BY- CHRIS CHILDRESS TYPE SAMPLE- Pumped

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			01/26/99	1115	CSC	30.68	FEET	
FIELD PH	SM4500-H+B			01/26/99	1115	CSC	7.38	STD. UNITS	
FIELD TEMPERATURE	SM2550B			01/26/99	1115	CSC	22.70	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			01/26/99	1115	CSC	225	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/26/99	1115	CSC	0.70	mg/L	
ALKALINITY,BICARB.	SM2320B			02/01/99	1310	JK	123	mg/l	
TOT.ORGANIC CARBON	SM 5310			01/28/99	1300	IF	<0.50	mg/L	
CHLORIDE	SM4500CL E			02/08/99	1200	JK	5.30	mg/L	
COLOR	SM 2120B			01/28/99	1615	JK	<1	PCU	
FECAL COLIFORM MF	SM9222D			01/26/99	1430	AS	<1	MF/100 ml	
AMMONIA NITROGEN	SM4500NH3H			02/05/99	1630	IF	<0.03	mg/L	
UN-IONIZED AMMONIA N	DEP SOP			02/15/99	0930	CEM	<0.02	mg/L	
NITRATE	SM4500NO3F			02/03/99	1700	IF	<0.11	mg/L	
TOTAL DISS.SOLIDS	SM2540C			01/27/99	1500	JK	159	mg/L	
SULFATE	EPA375.4			02/04/99	0900	JK	<1	mg/L	
TURBIDITY	SM 2130 B			01/26/99	1450	CSC	0.18	NTU	
IRON,TOTAL	SM3113B	01/29/99	TER	01/29/99	1510	TER	<0.01	mg/L	
MERCURY,TOTAL	SM3112B			02/02/99	1500	TER	0.0003	mg/L	
SODIUM,TOTAL	SM3111B	01/29/99	TER	02/01/99	0935	TER	3.44	mg/L	

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

CLASS III LANDFILL
HAYS ROAD
SHADY HILLS, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: CL-III GWM Q-I
DATE: 02/17/99

SAMPLE NUMBER- 75359 SAMPLE ID- 4MW-8 SAMPLE MATRIX- WW
DATE SAMPLED- 01/26/99 TIME SAMPLED- 1000
DATE RECEIVED- 01/26/99 SAMPLER- CHRIS CHILDRESS RECEIVED BY- MAS
TIME RECEIVED- 1410 DELIVERED BY- CHRIS CHILDRESS TYPE SAMPLE- Pumped

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			01/26/99	1000	CSC	32.48	FEET	
FIELD PH	SM4500-H+B			01/26/99	1000	CSC	7.22	STD. UNITS	
FIELD TEMPERATURE	SM2550B			01/26/99	1000	CSC	21.40	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			01/26/99	1000	CSC	260	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/26/99	1000	CSC	0.80	mg/L	
ALKALINITY,BICARB.	SM2320B			02/01/99	1310	JK	145	mg/l	
TOT.ORGANIC CARBON	SM 5310			01/28/99	1300	IF	<0.50	mg/L	
CHLORIDE	SM4500CL E			02/08/99	1200	JK	7.89	mg/L	
COLOR	SM 2120B			01/28/99	1615	JK	<1	PCU	
FECAL COLIFORM MF	SM9222D			01/26/99	1430	AS	<1	MF/100 ml	
AMMONIA NITROGEN	SM4500NH3H			02/05/99	1630	IF	<0.03	mg/L	
UN-IONIZED AMMONIA N	DEP SOP			02/15/99	0930	CEM	<0.02	mg/L	
NITRATE	SM4500NO3F			02/03/99	1700	IF	<0.11	mg/L	
TOTAL DISS.SOLIDS	SM2540C			01/27/99	1500	JK	207	mg/L	
SULFATE	EPA375.4			02/04/99	0900	JK	<1	mg/L	
TURBIDITY	SM 2130 B			01/26/99	1450	CSC	1.09	NTU	
IRON,TOTAL	SM3113B	01/29/99	TER	01/29/99	1510	TER	<0.01	mg/L	
MERCURY,TOTAL	SM3112B			02/02/99	1500	TER	0.0004	mg/L	
SODIUM,TOTAL	SM3111B	01/29/99	TER	02/01/99	0935	TER	3.59	mg/L	

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

CLASS III LANDFILL
HAYS ROAD
SHADY HILLS, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: CL-III GWM Q-I
DATE: 02/17/99

SAMPLE NUMBER- 75360 SAMPLE ID- 4MW-9 SAMPLE MATRIX- WW
DATE SAMPLED- 01/26/99 TIME SAMPLED- 1145
DATE RECEIVED- 01/26/99 SAMPLER- CHRIS CHILDRESS RECEIVED BY- MAS
TIME RECEIVED- 1410 DELIVERED BY- CHRIS CHILDRESS TYPE SAMPLE- Pumped

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			01/26/99	1145	CSC	30.98	FEET	
FIELD PH	SM4500-H+B			01/26/99	1145	CSC	7.20	STD. UNITS	
FIELD TEMPERATURE	SM2550B			01/26/99	1145	CSC	23.50	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			01/26/99	1145	CSC	315	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			01/26/99	1145	CSC	0.60	mg/L	
ALKALINITY,BICARB.	SM2320B			02/01/99	1310	JK	152	mg/l	
TOT.ORGANIC CARBON	SM 5310			01/28/99	1300	IF	<0.50	mg/L	
CHLORIDE	SM4500CL E			02/08/99	1200	JK	19.0	mg/L	
COLOR	SM 2120B			01/28/99	1615	JK	<1	PCU	
FECAL COLIFORM MF	SM9222D			01/26/99	1430	AS	<1	MF/100 ml	
AMMONIA NITROGEN	SM4500NH3H			02/05/99	1630	IF	<0.03	mg/L	
UN-IONIZED AMMONIA N	DEP SOP			02/15/99	0930	CEM	<0.02	mg/L	
NITRATE	SM4500NO3F			02/03/99	1700	IF	0.19	mg/L	
TOTAL DISS.SOLIDS	SM2540C			01/27/99	1500	JK	229	mg/L	
SULFATE	EPA375.4			02/04/99	0900	JK	1.89	mg/L	
TURBIDITY	SM 2130 B			01/26/99	1450	CSC	0.10	NTU	
IRON,TOTAL	SM3113B	01/29/99	TER	01/29/99	1510	TER	<0.01	mg/L	
MERCURY,TOTAL	SM3112B			02/02/99	1500	TER	0.0003	mg/L	
SODIUM,TOTAL	SM3111B	01/29/99	TER	02/01/99	0935	TER	4.60	mg/L	

LABORATORY DIRECTOR

PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR CLASS III LANDFILL 02/17/1999

QA/QC for SAMPLE Nos: 75357, 75358, 75359, 75360,
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
ALKALINITY,BICARB.	75357	--------	--------	--------	--------	99.10	STD	100	97	97.90
SM2320B	75360	152	153	1.0	0.66	------	----------	--------	--------	------
mg/l										
TOT.ORGANIC CARBON	75266	--------	--------	--------	--------	103.41	TOC STD	4.000	4.180	104.50
SM 5310	75360	<0.50	<0.50	0.25	0.00	------	TOC STD	10.000	9.602	96.02
mg/L										
CHLORIDE	75357	--------	--------	--------	--------	101.60	STD	80.0	79.5	99.30
SM4500CL E	75360	18.4	19.6	1.2	6.32	------	STD	80.0	83.9	104.90
mg/L	75640	83.8	85.3	1.5	1.77	------	----------	--------	--------	------
	75689	27.9	28.4	0.50	1.78	------	----------	--------	--------	------
COLOR	75336	60	61	1.0	1.65	------	STD	50	50	100.00
SM 2120B	75509	350	375	25	6.90	------	----------	--------	--------	------
PCU										
FECAL COLIFORM MF	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
SM9222D										
MF/100 ml										
AMMONIA NITROGEN	75110	1.188	1.172	0.016	1.36	------	NH3 STD	1.200	1.263	105.33
SM4500NH3H	75184	<0.03	<0.03	0.015	0.00	------	----------	--------	--------	------
mg/L	75266	<0.03	<0.03	0.015	0.00	------	----------	--------	--------	------
	75439	<0.03	<0.03	0.015	0.00	------	----------	--------	--------	------

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(727) 847-8902

DHRS # 44237, E44123
ComQAP # 8701676

QC REPORT FOR CLASS III LANDFILL 02/17/1999

QA/QC for SAMPLE Nos: 75357, 75358, 75359, 75360,

		Precision Data				Accuracy Data	Reference Sample Data			
Analyte	LAB ID	Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
	75508	<0.03	<0.03	0.015	0.00	------	----------	--------	--------	------
	75527	--------	--------	--------	--------	102.81	----------	--------	--------	------
UN-IONIZED AMMONIA N	NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS									
DEP SOP										
mg/L										
NITRATE	75010	--------	--------	--------	--------	99.61	NO3 STD	4.000	3.903	97.57
SM4500NO3F	75017	<0.11	<0.11	0.055	0.00	------	NO3 STD	4.000	3.928	98.21
mg/L	75111	<0.11	<0.11	0.055	0.00	------	----------	--------	--------	------
	75180	0.77	0.84	0.070	8.70	------	----------	--------	--------	------
	75197	1.64	1.71	0.070	4.18	------	----------	--------	--------	------
	75225	0.65	0.67	0.020	3.03	------	----------	--------	--------	------
	75267	0.97	1.02	0.050	5.03	------	----------	--------	--------	------
	75340	<0.11	<0.11	0.055	0.00	------	----------	--------	--------	------
	75402	11.1	11.2	0.10	0.90	------	----------	--------	--------	------
	75527	<0.11	<0.11	0.055	0.00	------	----------	--------	--------	------
TOTAL DISS.SOLIDS	75263	177	190	13	7.08	------	STD	293	295	100.60
SM2540C	75358	--------	--------	--------	--------	96.90	----------	--------	--------	------
mg/L										
SULFATE	75360	1.80	1.98	0.18	9.52	------	STD	20.0	19.9	99.70
EPA375.4	75475	68.0	68.8	0.80	1.17	98.50	STD	20.0	19.5	97.60
mg/L	75504	--------	--------	--------	--------	96.90	----------	--------	--------	------

PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR CLASS III LANDFILL 02/17/1999

QA/QC for SAMPLE Nos: 75357, 75358, 75359, 75360,

		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	75506	0.41	0.49	0.080	17.78	95.60	3427	3.50	3.00	85.70
SODIUM,TOTAL SM3111B mg/L	75338	4.92	4.86	0.060	1.23	100.00	----------	--------	--------	------

PASCO COUNTY, FLORIDA

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

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS DATE	TIME	ANALYST	MDL
BICARB.ALK	SM2320B	02/01/99	1310	JK	1
CL- (auto)	SM4500CL E	02/08/99	1200	JK	0.62
COLOR	SM 2120B	01/28/99	1615	JK	0.0
COND.FIELD	SM2510B	01/26/99	1000	CSC	1
DO, FIELD	SM4500-O G	01/26/99	1000	CSC	0.01
FE/T/AA	SM3113B	01/29/99	1510	TER	0.001
FECAL MF	SM9222D	01/26/99	1430	AS	1
FIELD TEMP	SM2550B	01/26/99	1000	CSC	0
H20 LEVEL	FIELD	01/26/99	1000	CSC	0.00
HG/T/CVAA	SM3112B	02/02/99	1500	TER	0.0005
NA/T/FLAA	SM3111B	02/01/99	0935	TER	0.01
NH3 (AUTO)	SM4500NH3H	02/05/99	1630	IF	0.03
NH3-UNION	DEP SOP	02/15/99	0930	CEM	0.02
NO3	SM4500NO3F	02/03/99	1700	IF	0.11
PH, FIELD	SM4500-H+B	01/26/99	1000	CSC	0.01
SO4	EPA375.4	02/04/99	0900	JK	1
TDS	SM2540C	01/27/99	1500	JK	1
TOC	SM 5310	01/28/99	1300	IF	0.50
TURB	SM 2130 B	01/26/99	1450	CSC	0.01

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

FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2569 (46925)		
Original		**Prep Date**	02/01/99 08:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Method Blank [99303]

Run Instrument: Perkin Elmer 4100 ZL

Parameter	Analyzed	Result	RDL	Units
Thallium	02/03/99	ND	0.0012	mg/L

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FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2569 (46925)		
Original		**Prep Date**	02/01/99 08:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Lab Control Sample [99304]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	LCS	0.024	96	69-136			.025mg/L	02/03/99	PEGFAA

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FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2569 (46925)		
Original	9000624008	**Prep Date**	02/01/99 08:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Matrix Spike [99305] - Matrix Spike Duplicate [99306]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	MS	ND	0.024	96	45-140			.025mg/L	02/03/99	PEGFAA
	MSD		0.024	97		1	0-20	.025mg/L	02/03/99	PEGFAA

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FDEP QAP 870174

Client Pasco County
Workorder West Pasco Class-III Landfill

QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Method Blank [100358]

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
Acetone	02/06/99	ND	0.91	ug/L
Acrylonitrile	02/06/99	ND	2.4	ug/L
Benzene	02/06/99	ND	0.34	ug/L
Bromochloromethane	02/06/99	ND	0.91	ug/L
Bromodichloromethane	02/06/99	ND	0.80	ug/L
Bromoform	02/06/99	ND	1.5	ug/L
Bromomethane	02/06/99	ND	0.44	ug/L
Carbon disulfide	02/06/99	ND	0.63	ug/L
Carbon tetrachloride	02/06/99	ND	0.35	ug/L
Chlorobenzene	02/06/99	ND	0.54	ug/L
Chloroethane	02/06/99	ND	0.63	ug/L
Chloroform	02/06/99	ND	0.66	ug/L
Chloromethane	02/06/99	ND	0.65	ug/L
Dibromochloromethane	02/06/99	ND	0.86	ug/L
Dibromomethane	02/06/99	ND	1.0	ug/L
1,2-Dichlorobenzene	02/06/99	ND	1.1	ug/L
1,4-Dichlorobenzene	02/06/99	ND	1.0	ug/L
1,1-Dichloroethane	02/06/99	ND	1.1	ug/L
1,2-Dichloroethane	02/06/99	ND	1.7	ug/L
1,1-Dichloroethene	02/06/99	ND	0.51	ug/L
cis-1,2-Dichloroethene	02/06/99	ND	1.1	ug/L

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FDEP QAP 870174

Client	Pasco County
Workorder	West Pasco Class-III Landfill
QC Batch	VOC 1440 (47476)
Original	
Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Method Blank [100358] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,2-Dichloroethene	02/06/99	ND	0.47	ug/L
Methylene chloride	02/06/99	ND	1.2	ug/L
1,2-Dichloropropane	02/06/99	ND	0.59	ug/L
cis-1,3-Dichloropropene	02/06/99	ND	0.32	ug/L
trans-1,3-Dichloropropene	02/06/99	ND	0.46	ug/L
Ethylbenzene	02/06/99	ND	0.48	ug/L
2-Hexanone	02/06/99	ND	0.43	ug/L
2-Butanone	02/06/99	ND	0.75	ug/L
Methyl iodide	02/06/99	ND	1.6	ug/L
4-Methyl-2-pentanone	02/06/99	ND	0.79	ug/L
Styrene	02/06/99	ND	0.67	ug/L
Tetrachloroethene	02/06/99	ND	0.90	ug/L
1,1,1,2-Tetrachloroethane	02/06/99	ND	0.59	ug/L
1,1,2,2-Tetrachloroethane	02/06/99	ND	1.0	ug/L
Toluene	02/06/99	ND	0.40	ug/L
1,1,1-Trichloroethane	02/06/99	ND	1.1	ug/L
1,1,2-Trichloroethane	02/06/99	ND	0.58	ug/L
Trichloroethene	02/06/99	ND	0.66	ug/L
Trichlorofluoromethane	02/06/99	ND	0.86	ug/L
1,2,3-Trichloropropane	02/06/99	ND	1.6	ug/L
Vinyl chloride	02/06/99	ND	0.27	ug/L
o-Xylene	02/06/99	ND	1.3	ug/L
m-Xylene and p-Xylene	02/06/99	ND	0.83	ug/L
Total Xylenes	02/06/99	ND	1.5	ug/L

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Client	Pasco County
Workorder	West Pasco Class-III Landfill
QC Batch	VOC 1440 (47476)
Original Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Method Blank [100358] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,4-Dichloro-2-butene	02/06/99	ND	0.79	ug/L
Vinyl acetate	02/06/99	ND	1.4	ug/L

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FDEP QAP 870174

Client Pasco County
Workorder West Pasco Class-III Landfill

QC Batch VOC 1440 (47476)
Original 9000827003
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Matrix Spike [100359] - Matrix Spike Duplicate [100360]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	MS	ND	16	80	24-203			20ug/L	02/06/99	FN2655
	MSD		21	104		26	0-44	20ug/L	02/06/99	FN2655
Acrylonitrile	MS	ND	100	126	60-140			80ug/L	02/06/99	FN2655
	MSD		77	96		27	0-40	80ug/L	02/06/99	FN2655
Benzene	MS	ND	17	87	70-130			20ug/L	02/06/99	FN2655
	MSD		17	84		3.5	0-30	20ug/L	02/06/99	FN2655
Bromochloromethane	MS	ND	22	109	67.5-135.3			20ug/L	02/06/99	FN2655
	MSD		21	105		3.7	0-30	20ug/L	02/06/99	FN2655
Bromodichloromethane	MS	ND	22	110	64-135			20ug/L	02/06/99	FN2655
	MSD		22	108		1.8	0-32	20ug/L	02/06/99	FN2655
Bromoform	MS	ND	24	118	66.4-135.9			20ug/L	02/06/99	FN2655
	MSD		22	112		5.2	0-30	20ug/L	02/06/99	FN2655
Bromomethane	MS	ND	15	73	50-150			20ug/L	02/06/99	FN2655
	MSD		17	83		13	0-38	20ug/L	02/06/99	FN2655
Carbon disulfide	MS	ND	10	51	46-162			20ug/L	02/06/99	FN2655
	MSD		10	50		2	0-37	20ug/L	02/06/99	FN2655
Carbon tetrachloride	MS	ND	17	85	69.6-130.7			20ug/L	02/06/99	FN2655
	MSD		17	85		0	0-35	20ug/L	02/06/99	FN2655
Chlorobenzene	MS	ND	19	94	70-130			20ug/L	02/06/99	FN2655
	MSD		19	94		0	0-30	20ug/L	02/06/99	FN2655

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Client Pasco County
Workorder West Pasco Class-III Landfill

QC Batch VOC 1440 (47476)
Original 9000827003
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100359] - Matrix Spike Duplicate [100360] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Chloroethane	MS	ND	11	55	44.3-152.8			20ug/L	02/06/99	FN2655
	MSD		13	64		15	0-32	20ug/L	02/06/99	FN2655
Chloroform	MS	ND	23	115	66.9-132.4			20ug/L	02/06/99	FN2655
	MSD		23	116		.87	0-30	20ug/L	02/06/99	FN2655
Chloromethane	MS	ND	8.1	41	37.6-149.1			20ug/L	02/06/99	FN2655
	MSD		21	104		87	0-50	20ug/L	02/06/99	FN2655
Dibromochloromethane	MS	ND	22	108	70-130			20ug/L	02/06/99	FN2655
	MSD		21	106		1.9	0-30	20ug/L	02/06/99	FN2655
Dibromomethane	MS	ND	20	100	70-130			20ug/L	02/06/99	FN2655
	MSD		19	95		5.1	0-37	20ug/L	02/06/99	FN2655
1,2-Dichlorobenzene	MS	ND	21	107	70-130			20ug/L	02/06/99	FN2655
	MSD		21	105		1.9	0-35	20ug/L	02/06/99	FN2655
1,4-Dichlorobenzene	MS	ND	21	107	70-130			20ug/L	02/06/99	FN2655
	MSD		19	93		14	0-30	20ug/L	02/06/99	FN2655
1,1-Dichloroethane	MS	ND	21	104	68.9-133.6			20ug/L	02/06/99	FN2655
	MSD		20	102		1.9	0-30	20ug/L	02/06/99	FN2655
1,2-Dichloroethane	MS	ND	18	91	70-130			20ug/L	02/06/99	FN2655
	MSD		19	94		3.2	0-38	20ug/L	02/06/99	FN2655
1,1-Dichloroethene	MS	ND	13	65	50.8-137.7			20ug/L	02/06/99	FN2655
	MSD		13	66		1.5	0-37	20ug/L	02/06/99	FN2655
cis-1,2-Dichloroethene	MS	ND	21	104	70-130			20ug/L	02/06/99	FN2655
	MSD		20	98		5.9	0-34	20ug/L	02/06/99	FN2655
trans-1,2-Dichloroethene	MS	ND	14	70	64.6-130.9			20ug/L	02/06/99	FN2655
	MSD		14	68		2.9	0-35	20ug/L	02/06/99	FN2655

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FDEP QAP 870174

Client Pasco County
Workorder West Pasco Class-III Landfill

QC Batch VOC 1440 (47476)
Original 9000827003
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100359] - Matrix Spike Duplicate [100360] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Methylene chloride	MS	ND	17	85	53-156.8			20ug/L	02/06/99	FN2655
	MSD		16	82		3.6	0-31	20ug/L	02/06/99	FN2655
1,2-Dichloropropane	MS	ND	21	105	70-130			20ug/L	02/06/99	FN2655
	MSD		20	102		2.9	0-31	20ug/L	02/06/99	FN2655
cis-1,3-Dichloropropene	MS	ND	18	92	47-148			20ug/L	02/06/99	FN2655
	MSD		19	94		2.2	0-30	20ug/L	02/06/99	FN2655
trans-1,3-Dichloropropene	MS	ND	20	102	47-149			20ug/L	02/06/99	FN2655
	MSD		19	95		7.1	0-30	20ug/L	02/06/99	FN2655
Ethylbenzene	MS	ND	19	93	70-130			20ug/L	02/06/99	FN2655
	MSD		18	90		3.3	0-30	20ug/L	02/06/99	FN2655
2-Hexanone	MS	ND	28	140	53-146			20ug/L	02/06/99	FN2655
	MSD		19	93		40	0-30	20ug/L	02/06/99	FN2655
2-Butanone	MS	ND	19	94	56-156			20ug/L	02/06/99	FN2655
	MSD		13	65		36	0-30	20ug/L	02/06/99	FN2655
Methyl iodide	MS	ND	16	80	50-150			20ug/L	02/06/99	FN2655
	MSD		16	78		2.5	0-40	20ug/L	02/06/99	FN2655
4-Methyl-2-pentanone	MS	ND	27	134	63-141			20ug/L	02/06/99	FN2655
	MSD		19	95		34	0-30	20ug/L	02/06/99	FN2655
Styrene	MS	ND	20	98	70-130			20ug/L	02/06/99	FN2655
	MSD		20	98		0	0-30	20ug/L	02/06/99	FN2655
Tetrachloroethene	MS	ND	14	68	64.2-125.2			20ug/L	02/06/99	FN2655
	MSD		15	76		11	0-30	20ug/L	02/06/99	FN2655
1,1,1,2-Tetrachloroethane	MS	ND	21	107	70-130			20ug/L	02/06/99	FN2655
	MSD		21	106		.94	0-30	20ug/L	02/06/99	FN2655

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QC Batch VOC 1440 (47476)
Original 9000827003
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Matrix Spike [100359] - Matrix Spike Duplicate [100360] (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	23	115	70-130			20ug/L	02/06/99	FN2655
	MSD		21	103		11	0-30	20ug/L	02/06/99	FN2655
Toluene	MS	ND	16	82	70-130			20ug/L	02/06/99	FN2655
	MSD		16	80		2.5	0-30	20ug/L	02/06/99	FN2655
1,1,1-Trichloroethane	MS	ND	19	95	69.5-134.1			20ug/L	02/06/99	FN2655
	MSD		19	94		1.1	0-30	20ug/L	02/06/99	FN2655
1,1,2-Trichloroethane	MS	ND	21	106	70-130			20ug/L	02/06/99	FN2655
	MSD		19	97		8.9	0-37	20ug/L	02/06/99	FN2655
Trichloroethene	MS	ND	15	74	70-130			20ug/L	02/06/99	FN2655
	MSD		14	71		4.1	0-33	20ug/L	02/06/99	FN2655
Trichlorofluoromethane	MS	ND	13	63	59.2-131.5			20ug/L	02/06/99	FN2655
	MSD		12	61		3.2	0-30	20ug/L	02/06/99	FN2655
1,2,3-Trichloropropane	MS	ND	24	119	70-130			20ug/L	02/06/99	FN2655
	MSD		20	102		15	0-30	20ug/L	02/06/99	FN2655
Vinyl chloride	MS	ND	12	58	43.4-148.5			20ug/L	02/06/99	FN2655
	MSD		12	60		3.4	0-31	20ug/L	02/06/99	FN2655
o-Xylene	MS	ND	19	97	70-130			20ug/L	02/06/99	FN2655
	MSD		19	97		0	0-30	20ug/L	02/06/99	FN2655
m-Xylene and p-Xylene	MS	ND	36	89	70-130			40ug/L	02/06/99	FN2655
	MSD		36	89		0	0-30	40ug/L	02/06/99	FN2655
trans-1,4-Dichloro-2-butene	MS	ND	24	120	40-130			20ug/L	02/06/99	FN2655
	MSD		20	100		18	0-40	20ug/L	02/06/99	FN2655
Vinyl acetate	MS	ND	24	120	50-150			20ug/L	02/06/99	FN2655
	MSD		21	107		11	0-40	20ug/L	02/06/99	FN2655

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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Lab Control Sample [100361]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	LCS	15	77	24-203			20ug/L	02/06/99	FN2655
Acrylonitrile	LCS	110	135	60-140			80ug/L	02/06/99	FN2655
Benzene	LCS	18	90	59-127			20ug/L	02/06/99	FN2655
Bromochloromethane	LCS	22	109	67-131			20ug/L	02/06/99	FN2655
Bromodichloromethane	LCS	22	111	54-142			20ug/L	02/06/99	FN2655
Bromoform	LCS	25	123	70-130			20ug/L	02/06/99	FN2655
Bromomethane	LCS	18	88	50-150			20ug/L	02/06/99	FN2655
Carbon disulfide	LCS	11	53	46-162			20ug/L	02/06/99	FN2655
Carbon tetrachloride	LCS	18	90	56-140			20ug/L	02/06/99	FN2655
Chlorobenzene	LCS	19	97	70-130			20ug/L	02/06/99	FN2655
Chloroethane	LCS	12	60	34-195			20ug/L	02/06/99	FN2655
Chloroform	LCS	23	117	70-130			20ug/L	02/06/99	FN2655
Chloromethane	LCS	9.4	47	1-200			20ug/L	02/06/99	FN2655
Dibromochloromethane	LCS	23	116	70-130			20ug/L	02/06/99	FN2655
Dibromomethane	LCS	20	99	61-140			20ug/L	02/06/99	FN2655
1,2-Dichlorobenzene	LCS	22	108	71-131			20ug/L	02/06/99	FN2655
1,4-Dichlorobenzene	LCS	22	110	65-142			20ug/L	02/06/99	FN2655
1,1-Dichloroethane	LCS	22	108	70-135			20ug/L	02/06/99	FN2655
1,2-Dichloroethane	LCS	19	95	40-156			20ug/L	02/06/99	FN2655
1,1-Dichloroethene	LCS	15	74	31-183			20ug/L	02/06/99	FN2655

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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100361] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
cis-1,2-Dichloroethene	LCS	24	118	61-150			20ug/L	02/06/99	FN2655
trans-1,2-Dichloroethene	LCS	15	73	53-137			20ug/L	02/06/99	FN2655
Methylene chloride	LCS	18	92	60-168			20ug/L	02/06/99	FN2655
1,2-Dichloropropane	LCS	21	104	63-137			20ug/L	02/06/99	FN2655
cis-1,3-Dichloropropene	LCS	20	98	47-148			20ug/L	02/06/99	FN2655
trans-1,3-Dichloropropene	LCS	20	102	47-149			20ug/L	02/06/99	FN2655
Ethylbenzene	LCS	18	90	70-130			20ug/L	02/06/99	FN2655
2-Hexanone	LCS	27	135	53-146			20ug/L	02/06/99	FN2655
2-Butanone	LCS	22	110	56-156			20ug/L	02/06/99	FN2655
Methyl iodide	LCS	17	86	50-150			20ug/L	02/06/99	FN2655
4-Methyl-2-pentanone	LCS	25	127	63-141			20ug/L	02/06/99	FN2655
Styrene	LCS	20	101	70-130			20ug/L	02/06/99	FN2655
Tetrachloroethene	LCS	17	83	64-138			20ug/L	02/06/99	FN2655
1,1,1,2-Tetrachloroethane	LCS	22	111	70-130			20ug/L	02/06/99	FN2655
1,1,2,2-Tetrachloroethane	LCS	23	116	70-130			20ug/L	02/06/99	FN2655
Toluene	LCS	17	87	70-130			20ug/L	02/06/99	FN2655
1,1,1-Trichloroethane	LCS	20	98	70-130			20ug/L	02/06/99	FN2655
1,1,2-Trichloroethane	LCS	21	106	65-141			20ug/L	02/06/99	FN2655
Trichloroethene	LCS	15	74	72-132			20ug/L	02/06/99	FN2655
Trichlorofluoromethane	LCS	14	68	66-139			20ug/L	02/06/99	FN2655
1,2,3-Trichloropropane	LCS	23	115	70-130			20ug/L	02/06/99	FN2655
Vinyl chloride	LCS	14	72	48-179			20ug/L	02/06/99	FN2655
o-Xylene	LCS	19	94	70-137			20ug/L	02/06/99	FN2655

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QC Batch	VOC 1440 (47476)
Original Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Lab Control Sample [100361] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
m-Xylene and p-Xylene	LCS	37	92	44-146			40ug/L	02/06/99	FN2655
trans-1,4-Dichloro-2-butene	LCS	26	128	50-150			20ug/L	02/06/99	FN2655
Vinyl acetate	LCS	24	119	50-150			20ug/L	02/06/99	FN2655

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Client Pasco County
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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Method Blank [100519]

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
Acetone	02/05/99	ND	0.91	ug/L
Acrylonitrile	02/05/99	ND	2.4	ug/L
Benzene	02/05/99	ND	0.34	ug/L
Bromochloromethane	02/05/99	ND	0.91	ug/L
Bromodichloromethane	02/05/99	ND	0.80	ug/L
Bromoform	02/05/99	ND	1.5	ug/L
Bromomethane	02/05/99	ND	0.44	ug/L
Carbon disulfide	02/05/99	ND	0.63	ug/L
Carbon tetrachloride	02/05/99	ND	0.35	ug/L
Chlorobenzene	02/05/99	ND	0.54	ug/L
Chloroethane	02/05/99	ND	0.63	ug/L
Chloroform	02/05/99	ND	0.66	ug/L
Chloromethane	02/05/99	ND	0.65	ug/L
Dibromochloromethane	02/05/99	ND	0.86	ug/L
Dibromomethane	02/05/99	ND	1.0	ug/L
1,2-Dichlorobenzene	02/05/99	ND	1.1	ug/L
1,4-Dichlorobenzene	02/05/99	ND	1.0	ug/L
1,1-Dichloroethane	02/05/99	ND	1.1	ug/L
1,2-Dichloroethane	02/05/99	ND	1.7	ug/L
1,1-Dichloroethene	02/05/99	ND	0.51	ug/L
cis-1,2-Dichloroethene	02/05/99	ND	1.1	ug/L

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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Method Blank [100519] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,2-Dichloroethene	02/05/99	ND	0.47	ug/L
Methylene chloride	02/05/99	ND	1.2	ug/L
1,2-Dichloropropane	02/05/99	ND	0.59	ug/L
cis-1,3-Dichloropropene	02/05/99	ND	0.32	ug/L
trans-1,3-Dichloropropene	02/05/99	ND	0.46	ug/L
Ethylbenzene	02/05/99	ND	0.48	ug/L
2-Hexanone	02/05/99	ND	0.43	ug/L
2-Butanone	02/05/99	ND	0.75	ug/L
Methyl iodide	02/05/99	ND	1.6	ug/L
4-Methyl-2-pentanone	02/05/99	ND	0.79	ug/L
Styrene	02/05/99	ND	0.67	ug/L
Tetrachloroethene	02/05/99	ND	0.90	ug/L
1,1,1,2-Tetrachloroethane	02/05/99	ND	0.59	ug/L
1,1,2,2-Tetrachloroethane	02/05/99	ND	1.0	ug/L
Toluene	02/05/99	ND	0.40	ug/L
1,1,1-Trichloroethane	02/05/99	ND	1.1	ug/L
1,1,2-Trichloroethane	02/05/99	ND	0.58	ug/L
Trichloroethene	02/05/99	ND	0.66	ug/L
Trichlorofluoromethane	02/05/99	ND	0.86	ug/L
1,2,3-Trichloropropane	02/05/99	ND	1.6	ug/L
Vinyl chloride	02/05/99	ND	0.27	ug/L
o-Xylene	02/05/99	ND	1.3	ug/L
m-Xylene and p-Xylene	02/05/99	ND	0.83	ug/L
Total Xylenes	02/05/99	ND	1.5	ug/L

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QC Batch	VOC 1440 (47476)
Original Matrix	Environmental Water
Analysis Method	SW-846 8260

QC results for Method Blank [100519] (continued)

Run Instrument: Finnigan Incos XL FN2655 GCMS

Parameter	Analyzed	Result	RDL	Units
trans-1,4-Dichloro-2-butene	02/05/99	ND	0.79	ug/L
Vinyl acetate	02/05/99	ND	1.4	ug/L

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Client Pasco County
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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Lab Control Sample [100520]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Acetone	LCS	16	80	24-203			20ug/L	02/05/99	FN2655
Acrylonitrile	LCS	93	117	60-140			80ug/L	02/05/99	FN2655
Benzene	LCS	16	80	59-127			20ug/L	02/05/99	FN2655
Bromochloromethane	LCS	22	108	67-131			20ug/L	02/05/99	FN2655
Bromodichloromethane	LCS	21	105	54-142			20ug/L	02/05/99	FN2655
Bromoform	LCS	24	119	70-130			20ug/L	02/05/99	FN2655
Bromomethane	LCS	19	94	50-150			20ug/L	02/05/99	FN2655
Carbon disulfide	LCS	9.4	47	46-162			20ug/L	02/05/99	FN2655
Carbon tetrachloride	LCS	18	91	56-140			20ug/L	02/05/99	FN2655
Chlorobenzene	LCS	19	94	70-130			20ug/L	02/05/99	FN2655
Chloroethane	LCS	12	60	34-195			20ug/L	02/05/99	FN2655
Chloroform	LCS	22	110	70-130			20ug/L	02/05/99	FN2655
Chloromethane	LCS	15	77	1-200			20ug/L	02/05/99	FN2655
Dibromochloromethane	LCS	24	120	70-130			20ug/L	02/05/99	FN2655
Dibromomethane	LCS	20	101	61-140			20ug/L	02/05/99	FN2655
1,2-Dichlorobenzene	LCS	20	102	71-131			20ug/L	02/05/99	FN2655
1,4-Dichlorobenzene	LCS	20	99	65-142			20ug/L	02/05/99	FN2655
1,1-Dichloroethane	LCS	21	107	70-135			20ug/L	02/05/99	FN2655
1,2-Dichloroethane	LCS	17	84	40-156			20ug/L	02/05/99	FN2655
1,1-Dichloroethene	LCS	14	69	31-183			20ug/L	02/05/99	FN2655

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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100520] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
cis-1,2-Dichloroethene	LCS	20	98	61-150			20ug/L	02/05/99	FN2655
trans-1,2-Dichloroethene	LCS	13	65	53-137			20ug/L	02/05/99	FN2655
Methylene chloride	LCS	19	97	60-168			20ug/L	02/05/99	FN2655
1,2-Dichloropropane	LCS	19	93	63-137			20ug/L	02/05/99	FN2655
cis-1,3-Dichloropropene	LCS	18	89	47-148			20ug/L	02/05/99	FN2655
trans-1,3-Dichloropropene	LCS	19	93	47-149			20ug/L	02/05/99	FN2655
Ethylbenzene	LCS	17	85	70-130			20ug/L	02/05/99	FN2655
2-Hexanone	LCS	21	103	53-146			20ug/L	02/05/99	FN2655
2-Butanone	LCS	16	78	56-156			20ug/L	02/05/99	FN2655
Methyl iodide	LCS	18	89	50-150			20ug/L	02/05/99	FN2655
4-Methyl-2-pentanone	LCS	21	104	63-141			20ug/L	02/05/99	FN2655
Styrene	LCS	19	93	70-130			20ug/L	02/05/99	FN2655
Tetrachloroethene	LCS	16	81	64-138			20ug/L	02/05/99	FN2655
1,1,1,2-Tetrachloroethane	LCS	21	107	70-130			20ug/L	02/05/99	FN2655
1,1,2,2-Tetrachloroethane	LCS	21	105	70-130			20ug/L	02/05/99	FN2655
Toluene	LCS	18	89	70-130			20ug/L	02/05/99	FN2655
1,1,1-Trichloroethane	LCS	20	98	70-130			20ug/L	02/05/99	FN2655
1,1,2-Trichloroethane	LCS	21	104	65-141			20ug/L	02/05/99	FN2655
Trichloroethene	LCS	20	100	72-132			20ug/L	02/05/99	FN2655
Trichlorofluoromethane	LCS	14	68	66-139			20ug/L	02/05/99	FN2655
1,2,3-Trichloropropane	LCS	21	104	70-130			20ug/L	02/05/99	FN2655
Vinyl chloride	LCS	14	70	48-179			20ug/L	02/05/99	FN2655
o-Xylene	LCS	18	92	70-137			20ug/L	02/05/99	FN2655

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QC Batch VOC 1440 (47476)
Original
Matrix Environmental Water **Analysis Method** SW-846 8260

QC results for Lab Control Sample [100520] (continued)

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
m-Xylene and p-Xylene	LCS	36	90	44-146			40ug/L	02/05/99	FN2655
trans-1,4-Dichloro-2-butene	LCS	18	92	50-150			20ug/L	02/05/99	FN2655
Vinyl acetate	LCS	15	74	50-150			20ug/L	02/05/99	FN2655

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	EXTR 3156 (47574)		
Original		**Prep Date**	02/10/99 07:55
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9000827001

QC results for Method Blank [100541]

Run Instrument: P-E AutoGC Dual ECD

Parameter	Analyzed	Result	RDL	Units
1,2-Dibromoethane	02/09/99	ND	0.0025	ug/L
1,2-Dibromo-3-chloropropane	02/09/99	ND	0.0023	ug/L

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	EXTR 3156 (47574)		
Original		**Prep Date**	02/10/99 07:55
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9000827001

QC results for Lab Control Sample [100542] - Lab Control Sample Duplicate [100545]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	LCS	0.12	116	60-140			.1ug/L	02/09/99	AUTOB_
	LCSD	0.12	124		6.7	0-20	.1ug/L	02/09/99	AUTOB_
1,2-Dibromo-3-chloropropane	LCS	0.12	118	60-140			.1ug/L	02/09/99	AUTOB_
	LCSD	0.12	122		3.3	0-20	.1ug/L	02/09/99	AUTOB_

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	EXTR 3192 (48233)		
Original		**Prep Date**	02/20/99 09:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Method Blank [101909]

Run Instrument: P-E AutoGC Dual ECD

Parameter	Analyzed	Result	RDL	Units
1,2-Dibromoethane	02/20/99	ND	0.0025	ug/L
1,2-Dibromo-3-chloropropane	02/20/99	ND	0.0023	ug/L

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FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	EXTR 3192 (48233)		
Original		**Prep Date**	02/20/99 09:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Lab Control Sample [101910] - Lab Control Sample Duplicate [101913]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	LCS	0.098	98	60-140			.1ug/L	02/20/99	AUTOB_
	LCSD	0.1	102		4	0-20	.1ug/L	02/20/99	AUTOB_
1,2-Dibromo-3-chloropropane	LCS	0.11	114	60-140			.1ug/L	02/20/99	AUTOB_
	LCSD	0.1	105		8.2	0-20	.1ug/L	02/20/99	AUTOB_

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FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	EXTR 3192 (48233)		
Original	9001684001	**Prep Date**	02/20/99 09:45
Matrix	Environmental Water	**Analysis Method**	EDB's

QC results affect the following production samples:

9000827002 9000827003 9000827004

QC results for Matrix Spike [101911] - Matrix Spike Duplicate [101912]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
1,2-Dibromoethane	MS	ND	0.064	64	60-140			.1ug/L	02/20/99	AUTOB_
	MSD		0.073	73		13	0-20	.1ug/L	02/20/99	AUTOB_

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FDEP QAP 870174

Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2615 (48450)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/24/99 12:48
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Method Blank [102369]

Run Instrument: ThermoJarrellAsh 61E Trace ICP

Parameter	Analyzed	Result	RDL	Units
Antimony	03/01/99	ND	0.0040	mg/L
Arsenic	03/01/99	ND	0.0032	mg/L
Barium	03/01/99	ND	0.0018	mg/L
Beryllium	03/01/99	ND	0.0010	mg/L
Cadmium	03/01/99	ND	0.00070	mg/L
Chromium	03/01/99	ND	0.0018	mg/L
Cobalt	03/01/99	ND	0.0010	mg/L
Copper	03/01/99	ND	0.0014	mg/L
Lead	03/01/99	ND	0.0030	mg/L
Nickel	03/01/99	ND	0.0020	mg/L
Selenium	03/01/99	ND	0.0021	mg/L
Silver	03/01/99	ND	0.0010	mg/L
Vanadium	03/01/99	ND	0.00040	mg/L
Zinc	03/01/99	ND	0.10	mg/L

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2615 (48450)	**Prep Method**	SW-846 Digestion 3005
Original		**Prep Date**	02/24/99 12:48
Matrix	Environmental Water	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Lab Control Sample [102370]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	LCS	0.25	98	80-120			.25mg/L	03/01/99	TJAICP
Arsenic	LCS	0.26	104	80-120			.25mg/L	03/01/99	TJAICP
Barium	LCS	0.26	103	80-120			.25mg/L	03/01/99	TJAICP
Beryllium	LCS	0.05	100	80-120			.05mg/L	03/01/99	TJAICP
Cadmium	LCS	0.099	99	80-120			.1mg/L	03/01/99	TJAICP
Chromium	LCS	0.25	99	80-120			.25mg/L	03/01/99	TJAICP
Cobalt	LCS	0.1	102	80-120			.1mg/L	03/01/99	TJAICP
Copper	LCS	0.25	102	80-120			.25mg/L	03/01/99	TJAICP
Lead	LCS	0.25	100	80-120			.25mg/L	03/01/99	TJAICP
Nickel	LCS	0.25	101	80-120			.25mg/L	03/01/99	TJAICP
Selenium	LCS	0.25	101	80-120			.25mg/L	03/01/99	TJAICP
Silver	LCS	0.025	99	80-120			.025mg/L	03/01/99	TJAICP
Vanadium	LCS	0.097	97	80-120			.1mg/L	03/01/99	TJAICP
Zinc	LCS	0.26	104	80-120			.25mg/L	03/01/99	TJAICP

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2615 (48450)	**Prep Method**	SW-846 Digestion 3005
Original	9001088005	**Prep Date**	02/24/99 12:48
Matrix	TCLP Extraction	**Analysis Method**	SW-846 6010

QC results affect the following production samples:

9000827001 9000827002 9000827003 9000827004

QC results for Matrix Spike [102371] - Matrix Spike Duplicate [102372]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Antimony	MS	ND	0.25	98	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.24	96		2.1	0-20	.25mg/L	03/01/99	TJAICP
Arsenic	MS	0.0081	0.25	96	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.25	97		1	0-20	.25mg/L	03/01/99	TJAICP
Barium	MS	0.26	0.51	99	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.51	99		0	0-20	.25mg/L	03/01/99	TJAICP
Beryllium	MS	ND	0.046	93	80-120			.05mg/L	03/01/99	TJAICP
	MSD		0.047	95		2.1	0-20	.05mg/L	03/01/99	TJAICP
Cadmium	MS	0.0021	0.096	94	80-120			.1mg/L	03/01/99	TJAICP
	MSD		0.097	95		1.1	0-20	.1mg/L	03/01/99	TJAICP
Chromium	MS	ND	0.24	94	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.24	97		3.1	0-20	.25mg/L	03/01/99	TJAICP
Cobalt	MS	0.0031	0.1	97	80-120			.1mg/L	03/01/99	TJAICP
	MSD		0.1	98		1	0-20	.1mg/L	03/01/99	TJAICP
Copper	MS	0.0028	0.25	98	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.25	98		0	0-20	.25mg/L	03/01/99	TJAICP
Lead	MS	0.092	0.34	97	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.34	98		1	0-20	.25mg/L	03/01/99	TJAICP
Nickel	MS	0.0087	0.25	95	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.25	96		1	0-20	.25mg/L	03/01/99	TJAICP

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2615 (48450)	**Prep Method**	SW-846 Digestion 3005
Original	9001088005	**Prep Date**	02/24/99 12:48
Matrix	TCLP Extraction	**Analysis Method**	SW-846 6010

QC results for Matrix Spike [102371] - Matrix Spike Duplicate [102372] (continued)

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Selenium	MS	ND	0.23	93	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.24	94		1.1	0-20	.25mg/L	03/01/99	TJAICP
Silver	MS	ND	0.025	98	80-120			.025mg/L	03/01/99	TJAICP
	MSD		0.024	97		1	0-20	.025mg/L	03/01/99	TJAICP
Vanadium	MS	0.02	0.12	96	80-120			.1mg/L	03/01/99	TJAICP
	MSD		0.12	97		1	0-20	.1mg/L	03/01/99	TJAICP
Zinc	MS	0.66	0.89	94	80-120			.25mg/L	03/01/99	TJAICP
	MSD		0.88	90		4.3	0-20	.25mg/L	03/01/99	TJAICP

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2647 (49772)		
Original		**Prep Date**	03/22/99 13:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827001

QC results for Method Blank [105005]

Run Instrument: Perkin Elmer 4100 ZL

Parameter	Analyzed	Result	RDL	Units
Thallium	03/24/99	ND	0.0012	mg/L

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2647 (49772)		
Original		**Prep Date**	03/22/99 13:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827001

QC results for Lab Control Sample [105006]

Parameter		QC Result	Pct Recov	LCS/LCSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	LCS	0.026	104	69-136			.025mg/L	03/24/99	PEGFAA

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Client	Pasco County		
Workorder	West Pasco Class-III Landfill		
QC Batch	MDIG 2647 (49772)		
Original	9002151001	**Prep Date**	03/22/99 13:36
Matrix	Environmental Water	**Analysis Method**	Thallium-Furnace-Water

QC results affect the following production samples:

9000827001

QC results for Matrix Spike [105007] - Matrix Spike Duplicate [105008]

Parameter		Original Result	QC Result	Pct Recov	MS/MSD Limits	RPD	RPD Limits	Spiked Amount	Analyzed	Instru ID
Thallium	MS	ND	0.026	106	45-140			.025mg/L	03/24/99	PEGFAA
	MSD		0.026	104		1.9	0-20	.025mg/L	03/24/99	PEGFAA

End of Report