Attachment C-3

Surface Water Analytical Report

REPORT OF ANALYSIS

MANATEE COUNTY UTILITY OPERATIONS
CENTRAL WASTEWATER LABORATORY
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BRADENTON, FL 34210

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MCUOD Solid Waste Division
4410 66th Street West
Bradenton, FL 34210

SAMPLE RECEIPT DATE: 02/18/2005
REPORT DATE: 5/13/2005
PROJECT NAME: Lena Road Semi-Annual Surface Water Monitoring Report

Data Release Authorization:

The Methods of analysis in this report are in accordance with MCUOD Central Wastewater laboratory's Quality Assurance Manual and meet all NELAC standards except where noted. Results pertain only to items tested and to the samples specified. This report may not be reproduced, except in full, without the written approval of this laboratory.

Jeffrey A. Goodwin, Laboratory Supervisor

ACCREDITED IN ACCORDANCE WITH nelac

39884

Table 3
Surface Water Analytical Summary
Lena Road Landfill
First Half 2005

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
JUL 21 2005
SOUTHWEST DISTRICT TAMPA

Analyte	Location:		SW-2	SW-2
	Sample Identifier:		SW-1	SW-2
	Date of Test:		02/18/05	02/18/05
	Standard(1)	Units		
Field Measurements				
Temperatrue		deg. C	16.92	17.47
pH		STD	6.87	6.9
Conductivity		umhos/cm	733	885
Dissolved Oxygen (DO)	<5	mg/l	6.55	6.78
Turbidity	29	NTU	8.36	3.15
Inorganics				
Ammonia		mg/l	**0.19**	**0.013**
Antimony	4.3	mg/l	BDL	BDL
Arsenic	0.01	mg/l	**0.007**	BDL
Barium		mg/l	**0.013**	**0.008**
Beryllium	0.13	mg/l	BDL	BDL
Biochemical Oxygen Demand (BOD)		mg/l	BDL	BDL
Cadmium	Note 2	mg/l	BDL	BDL
Calcium		mg/l	**38**	**64.3**
Chemical Oxygen Demand (COD)		mg/l	**48.5**	**51.2**
Chloropyll A		mg/m3	**2.71**	**5.02**
Chromium	Note 3	mg/l	BDL	BDL
Cobalt		mg/l	BDL	BDL
Copper	Note 4	mg/l	BDL	BDL
Fecal coliforms	800	cfu/100ml	**680**	**130**
Iron	1	mg/l	**1.55**	**0.203**
Lead	Note 5	mg/l	BDL	BDL
Magnesium		mg/l	**12.8**	**12.3**
Mercury	0.012	ug/l	BDL	BDL
Nickel	Note 6	mg/l	**0.003**	**0.003**
Nitrate		mg/l	**0.127**	**0.011**
Nitrite		mg/l	**0.029**	BDL
Selenium	0.005	mg/l	BDL	BDL
Silver	0.00007	mg/l	BDL	BDL
Thallium	0.0063	mg/l	BDL	BDL
Total Dissolved Solids (TDS)		mg/l	**415**	**510**
Total Hardness		mg/l	**148**	**211**
Total Kjedahl Nitrogen (TKN)		mg/l	**1.06**	**1.05**
Total Nitrogen		mg/l	**1.22**	**1.06**
Total Organic Carbon (TOC)		mg/l	**16.4**	**14.9**
Total Phosphate		mg/l	**0.326**	**0.038**
Total Suspended Solids (TSS)		mg/l	**4.6**	**3.9**
Unionized ammonia	0.02	mg/l	**0.0005**	**0.00004**
Vanadium		mg/l	**0.002**	**0.002**
Zinc	Note 7	mg/l	BDL	BDL
Organics				
Acetone		ug/l	BDL	BDL
Acrylonitrile		ug/l	BDL	BDL
Benzene		ug/l	BDL	BDL

Analyte		Location:	SW-1	SW-2
		Sample Identifier:	SW-1	SW-2
		Date of Test:	02/18/05	02/18/05
	Standard(1)	Units		
Bromochloromethane		ug/l	BDL	BDL
Bromodichloromethane		ug/l	BDL	BDL
Bromomethane		ug/l	BDL	BDL
Carbon disulfide		ug/l	BDL	BDL
Carbon tetrachloride	4.42	ug/l	BDL	BDL
Chlorobenzene		ug/l	BDL	BDL
Chloroethane		ug/l	BDL	BDL
Dibromomethane		ug/l	BDL	BDL
Dibromochloromethane		ug/l	BDL	BDL
Dibromchlorpropane		ug/l	BDL	BDL
1,2-Dichlorobenzene		ug/l	BDL	BDL
1,4-Dichlorobenzene		ug/l	BDL	BDL
Dichloromethane	1580	ug/l	BDL	BDL
1,2-Dibromo-3-chloropropane		ug/l	BDL	BDL
Ethylene dibromide		ug/l	BDL	BDL
o-Dichlorobenzene		ug/l	BDL	BDL
1,1-Dichloroethane		ug/l	BDL	BDL
1,2-Dichloroethane		ug/l	BDL	BDL
1,1-Dichloroethene		ug/l	BDL	BDL
cis-1,2-Dichloroethene	3.2	ug/l	BDL	BDL
trans-1,2-Dichloroethene		ug/l	BDL	BDL
1,2-Dichloropropane		ug/l	BDL	BDL
cis-1,3-Dichloropropene		ug/l	BDL	BDL
trans-1,3-Dichloropropene		ug/l	BDL	BDL
Ethylbenzene		ug/l	BDL	BDL
Ethylene Dibromide		ug/l	BDL	BDL
2-Hexanone		ug/l	BDL	BDL
Iodomethane		ug/l	BDL	BDL
Methyl bromide		ug/l	BDL	BDL
Chloromethane		ug/l	BDL	BDL
2-Butanone		ug/l	BDL	BDL
Methyl iodide		ug/l	BDL	BDL
4-Methlyl-2-pentanone		ug/l	BDL	BDL
Styrene		ug/l	BDL	BDL
1,1,1,2-Tetrachloroethane		ug/l	BDL	BDL
1,1,2,2-Tetrachloroethane	10.8	ug/l	BDL	BDL
t-1,4-Dichloro-2-butene		ug/l	BDL	BDL
Tetrachloroethene		ug/l	BDL	BDL
Toluene		ug/l	BDL	BDL
1,1,1-Trichloroethane		ug/l	BDL	BDL
1,1,2-Trichloroethane		ug/l	BDL	BDL
Tribromethane		ug/l	BDL	BDL
Trichloroethene	80.7	ug/l	BDL	BDL
Trichloromethane		ug/l	BDL	BDL
Trichlorofluoromethane		ug/l	BDL	BDL
1,2,3-Trichloropropane		ug/l	BDL	BDL
Vinyl acetate		ug/l	BDL	BDL
Vinyl chloride		ug/l	BDL	BDL
Total xylenes		ug/l	BDL	BDL

Abbreviations: BDL = below detection limits; mg/l = milligrams per liter; ug/l = micrograms per liter; NTU = nepholometric turbidity units.

Notes:

(1) Surface water standards presented in Chapter 62-302, FAC. Analyte concentrations shown with shading represent an exceedance of the regulatory level.

(3) Cr less than or equal to e(0.819(lnH)+0.6848)

(4) Cu less than or equal to e(0845(lnH)-1.702)

(5) Pb less than or equal to e(1.273(lnH)-4.705)

(6) Ni less than or equal to e(0.846(lnH)+0.0584)

(7) Zn less than or equal to e(0.8473(lnH)+0.884)

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	Analyst
Sample ID	**AE04424**	**Collection Date / Time**			**02/18/2005 13:00**		
Sample Point		**Lena Road Surface Water 1**					
Nitrite as N by Ion Chromatography	EPA 300.0	0.029	mg/L		02/19/2005 02:34	0.005	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.127	mg/L		02/19/2005 02:34	0.006	EMM
Carbonaceous BOD (5 day)	SM 5210 B	<MDL	mg/L	U,J3	02/24/2005 08:40	2.00	LK/EMM
Chemical Oxygen Demand	EPA 410.4	48.5	mg/L		03/08/2005 15:20	3.00	EMM
Total Organic Carbon	EPA 415.1	16.4	mg/L		03/15/2005 12:16	0.100	EMM
Landfill Metals							
Zinc	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.010	JPN
Barium	EPA 200.7	0.013	mg/L		05/02/2005 15:33	0.0005	JPN
Beryllium	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.0002	JPN
Cadmium	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.0005	JPN
Chromium	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.001	JPN
Cobalt	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.001	JPN
Copper	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.005	JPN
Lead	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.005	JPN
Nickel	EPA 200.7	0.003	mg/L		05/02/2005 15:33	0.001	JPN
Arsenic	EPA 200.7	0.007	mg/L		05/02/2005 15:33	0.007	JPN
Vanadium	EPA 200.7	0.002	mg/L		05/02/2005 15:33	0.0005	JPN
Iron	EPA 200.7	1.55	mg/L		05/02/2005 15:33	0.010	JPN
Calcium	EPA 200.7	38.0	mg/L		05/02/2005 15:33	0.010	JPN
Magnesium	EPA 200.7	12.8	mg/L		05/02/2005 15:33	0.005	JPN
Silver	EPA 200.7	<MDL	mg/L		05/02/2005 15:33	0.002	JPN
Total Hardness	SM 2340 B	148	mg/L		05/02/2005 15:33		JPN
Mercury Cold Vapor	EPA 245.1	< MDL	ug/L	U	03/10/2005 11:56	0.100	WC
Antimony by GFAAS	EPA 204.2	< MDL	mg/L	U	04/28/2005 15:50	0.0015	WC
Selenium by GFAAS	EPA 270.2	< MDL	mg/L	U	03/30/2005 14:57	0.0002	WC
Thallium by GFAAS	EPA 279.2	< MDL	mg/L	U	03/02/2005 18:36	0.0004	WC
Fecal Coliforms	SM 9222D	680	cfu/100 ml	B	02/19/2005 14:30	1	IR
Ammonia	EPA 350.1	0.190	mg/L		02/22/2005 14:32	0.011	EMM
Total Kjeldahl Nitrogen	EPA 351.2	1.06	mg/L		02/24/2005 13:19	0.075	REED
Total Nitrogen	EPA 351.2/30	1.22	mg/L		02/19/2005 02:34	1.19	EMM

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	Analyst
Total Phosphate as P	EPA 365.1	0.326	mg/L		03/04/2005 14:50	0.005	KLINE
Unionized Ammonia	DEP SOP 10/3	0.0005	mg/L		04/06/2005 13:20		
Total Dissolved Solids	SM 2540 C	415	mg/L		02/24/2005 11:00	5.00	EM/LK
Total Suspended Solids	SM 2540 D	4.60	mg/L		02/20/2005 13:30	0.400	IR
Sample ID	**AE04425**	**Collection Date / Time**			**02/18/2005 11:52**		
Sample Point		**Lena Road Surface Water 2**					
Nitrite as N by Ion Chromatography	EPA 300.0	< MDL	mg/L	U	02/19/2005 01:01	0.005	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.011	mg/L	I	02/19/2005 01:01	0.006	EMM
Carbonaceous BOD (5 day)	SM 5210 B	<MDL	mg/L	U,J3	02/24/2005 08:40	2.00	LK/EMM
Chemical Oxygen Demand	EPA 410.4	51.2	mg/L		03/08/2005 15:20	3.00	EMM
Total Organic Carbon	EPA 415.1	14.9	mg/L		03/15/2005 12:16	0.100	EMM
Landfill Metals							
Copper	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.005	JPN
Arsenic	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.007	JPN
Barium	EPA 200.7	0.008	mg/L		05/02/2005 11:31	0.0005	JPN
Beryllium	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.0002	JPN
Cadmium	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.0005	JPN
Cobalt	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.001	JPN
Nickel	EPA 200.7	0.003	mg/L		05/02/2005 11:31	0.001	JPN
Lead	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.005	JPN
Vanadium	EPA 200.7	0.002	mg/L		05/02/2005 11:31	0.0005	JPN
Zinc	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.010	JPN
Iron	EPA 200.7	0.203	mg/L		05/02/2005 11:31	0.010	JPN
Chromium	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.001	JPN
Calcium	EPA 200.7	64.3	mg/L	V	05/02/2005 11:31	0.010	JPN
Magnesium	EPA 200.7	12.3	mg/L		05/02/2005 11:31	0.005	JPN
Silver	EPA 200.7	<MDL	mg/L	U	05/02/2005 11:31	0.002	JPN
Total Hardness	SM 2340 B	211	mg/L		05/09/2005 16:10		JAG
Mercury Cold Vapor	EPA 245.1	< MDL	ug/L	U	03/10/2005 11:59	0.100	WC
Antimony by GFAAS	EPA 204.2	< MDL	mg/L	U	04/28/2005 12:51	0.0015	WC
Selenium by GFAAS	EPA 270.2	< MDL	mg/L	U	03/30/2005 15:20	0.0002	WC
Thallium by GFAAS	EPA 279.2	< MDL	mg/L	U	03/02/2005 13:47	0.0004	WC

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	Analyst
Fecal Coliforms	SM 9222D	130	cfu/100 ml		02/19/2005 14:30	1	IR
Ammonia	EPA 350.1	0.013	mg/L	I	02/22/2005 14:33	0.011	EMM
Total Kjeldahl Nitrogen	EPA 351.2	1.05	mg/L		02/24/2005 13:22	0.075	REED
Total Nitrogen	EPA 351.2/30(	1.06	mg/L		02/19/2005 01:01	1.07	EMM
Total Phosphate as P	EPA 365.1	0.038	mg/L		03/04/2005 14:50	0.005	KLINE
Unionized Ammonia	DEP SOP 10/3	0.00004	mg/L		04/06/2005 13:19		
Total Dissolved Solids	SM 2540 C	510	mg/L		02/24/2005 11:00	5.00	EM/LK
Total Suspended Solids	SM 2540 D	3.90	mg/L		02/20/2005 13:30	0.400	IR

Sample ID AE04426 Collection Date / Time 02/18/2005 00:00

Sample Point Lena Road Surface Water Field Duplicate

Nitrite as N by Ion Chromatography	EPA 300.0	< MDL	mg/L	U	02/19/2005 03:05	0.005	EMM
Nitrate as N by Ion Chromatography	EPA 300.0	0.030	mg/L		02/19/2005 03:05	0.006	EMM
Carbonaceous BOD (5 day)	SM 5210 B	2.51	mg/L	J3	02/24/2005 08:40	2.00	LK/EMM
Chemical Oxygen Demand	EPA 410.4	43.2	mg/L		03/08/2005 15:20	3.00	EMM
Total Organic Carbon	EPA 415.1	15.9	mg/L		03/15/2005 12:16	0.100	EMM
Landfill Metals							
Nickel	EPA 200.7	0.004	mg/L		05/02/2005 12:17	0.001	JPN
Arsenic	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.007	JPN
Barium	EPA 200.7	0.008	mg/L		05/02/2005 12:17	0.0005	JPN
Beryllium	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.0002	JPN
Cadmium	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.0005	JPN
Chromium	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.001	JPN
Cobalt	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.001	JPN
Lead	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.005	JPN
Magnesium	EPA 200.7	12.2	mg/L		05/02/2005 12:17	0.005	JPN
Silver	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.002	JPN
Vanadium	EPA 200.7	0.002	mg/L		05/02/2005 12:17	0.0005	JPN
Zinc	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.010	JPN
Iron	EPA 200.7	0.217	mg/L		05/02/2005 12:17	0.010	JPN
Calcium	EPA 200.7	65.1	mg/L	V	05/02/2005 12:17	0.010	JPN
Copper	EPA 200.7	<MDL	mg/L	U	05/02/2005 12:17	0.005	JPN
Total Hardness	SM 2340 B	213	mg/L		05/09/2005 16:10		JAG

Parameter	Method	Results	Units	Qualifier	Date / Time Analyzed	MDL	Analyst
Mercury Cold Vapor	EPA 245.1	< MDL	ug/L	U	03/10/2005 12:06	0.100	WC
Antimony by GFAAS	EPA 204.2	< MDL	mg/L	U	04/28/2005 15:19	0.0015	WC
Selenium by GFAAS	EPA 270.2	< MDL	mg/L	U	03/30/2005 15:28	0.0002	WC
Thallium by GFAAS	EPA 279.2	< MDL	mg/L	U	03/02/2005 14:12	0.0004	WC
Fecal Coliforms	SM 9222D	129	cfu/100 ml	B	02/19/2005 14:30	1	IR
Ammonia	EPA 350.1	< MDL	mg/L	U	02/22/2005 14:24	0.011	EMM
Total Kjeldahl Nitrogen	EPA 351.2	1.13	mg/L		02/24/2005 13:20	0.075	REED
Total Nitrogen	EPA 351.2/30(	1.16	mg/L		02/19/2005 03:05	1.16	EMM
Total Phosphate as P	EPA 365.1	0.048	mg/L		03/04/2005 14:51	0.005	KLINE
Unionized Ammonia	DEP SOP 10/3	0.00003	mg/L		04/06/2005 12:59		
Total Dissolved Solids	SM 2540 C	508	mg/L		02/24/2005 11:00	5.00	EM/LK
Total Suspended Solids	SM 2540 D	4.00	mg/L		02/20/2005 13:30	0.400	IR

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill T : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

Identification : SW1
Site : LENA RD SURFACE H20
Type : WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:	733	MICROMHOS
pH	:	6.87	STANDARD UNITS
WATER TEMPERATURE	:	16.92	DEGREES C
DISSOLVED OXYGEN	:	6.55	mg/L
INITIAL WATER LEVEL	:		
WELL ELEVATION	:		
FIELD TURBIDITY	:	8.36	NTU
FIELD COLOR	:		
FACILITY GMS #	:		

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv
methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE :	02/18/05
Identification	: SW1	COLLECTION TIME :	13:00
Site	: LENA RD SURFACE H20	COLLECTED BY :	PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
ORGANICS					
APPENDIX I VOLATILES (EPA 8260)					
KF03173-02Y					
1,2,3-TRICHLOROPROPANE	U	0.3	ug/l	JMS	03/02/05
IODOMETHANE	U	0.5	ug/l	JMS	03/02/05
CIS 1,2-DICHLOROETHENE	U	0.10	ug/l	JMS	03/02/05
T-1,4-DICHLORO-2-BUTENE	U	10.0	ug/l	JMS	03/02/05
STYRENE	U	1.0	ug/l	JMS	03/02/05
1,1,1,2-TETRACHLOROETHANE	U	0.1	ug/l	JMS	03/02/05
2-HEXANONE	U	2.5	ug/l	JMS	03/02/05
DIBROMOMETHANE	U	0.3	ug/l	JMS	03/02/05
2-BUTANONE	U	2.5	ug/l	JMS	03/02/05
ACETONE	U	2.5	ug/l	JMS	03/02/05
VINYL ACETATE	U	10.0	ug/l	JMS	03/02/05
CARBON DISULFIDE	U	4.1	ug/l	JMS	03/02/05
4-METHYL-2-PENTANONE	U	2.5	ug/l	JMS	03/02/05
BROMOCHLOROMETHANE	U	0.5	ug/l	JMS	03/02/05
CHLOROMETHANE	U	0.13	ug/l	JMS	03/02/05
DICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1-DICHLOROETHENE	U	0.12	ug/l	JMS	03/02/05
TRICHLOROFLUOROMETHANE	U	0.08	ug/l	JMS	03/02/05
CHLOROETHANE	U	0.10	ug/l	JMS	03/02/05
VINYL CHLORIDE	U	0.17	ug/l	JMS	03/02/05
ACRYLONITRILE	U	1.50	ug/l	JMS	03/02/05
1,1-DICHLOROETHANE	U	0.03	ug/l	JMS	03/02/05
BROMOMETHANE	U	0.11	ug/l	JMS	03/02/05
TOLUENE	U	0.11	ug/l	JMS	03/02/05
1,4-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
1,1,2,2-TETRACHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
O-XYLENE	U	0.11	ug/l	JMS	03/02/05
TRIBROMOMETHANE	U	0.12	ug/l	JMS	03/02/05
M,P-XYLENES	U	0.11	ug/l	JMS	03/02/05
ETHYLBENZENE	U	0.06	ug/l	JMS	03/02/05
CHLOROBENZENE	U	0.04	ug/l	JMS	03/02/05
TETRACHLOROETHENE	U	0.14	ug/l	JMS	03/02/05
DIBROMOCHLOROMETHANE	U	0.05	ug/l	JMS	03/02/05
TRANS-1,2-DICHLOROETHENE	U	0.06	ug/l	JMS	03/02/05
TRANS-1,3-DICHLOROPROPENE	U	0.04	ug/l	JMS	03/02/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-appro methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE :	02/18/05
Identification	: SW1	COLLECTION TIME :	13:00
Site	: LENA RD SURFACE H20	COLLECTED BY :	PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
1,2-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
CIS-1,3-DICHLOROPROPENE	U	0.05	ug/l	JMS	03/02/05
BROMODICHLOROMETHANE	U	0.08	ug/l	JMS	03/02/05
TRICHLOROETHENE	U	0.19	ug/l	JMS	03/02/05
1,2-DICHLOROPROPANE	U	0.04	ug/l	JMS	03/02/05
CARBON TETRACHLORIDE	U	0.21	ug/l	JMS	03/02/05
BENZENE	U	0.04	ug/l	JMS	03/02/05
1,2-DICHLOROETHANE	U	0.02	ug/l	JMS	03/02/05
1,1,1-TRICHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
TRICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1,2-TRICHLOROETHANE	U	0.10	ug/l	JMS	03/02/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. U=UNDETECTED.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-appro methods which meet FDER or other state protocol, unless otherwise designated.

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

SAMPLE IDENTIFICATION

IDENTIFICATION	: SW1
SITE	: LENA RD SURFACE H20
TYPE	: WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:	733	MICROMHOS
pH	:	6.87	STANDARD UNITS
WATER TEMPERATURE	:	16.92	DEGREES C
DISSOLVED OXYGEN	:	6.55	mg/L
INITIAL WATER LEVEL	:		
WELL ELEVATION	:		
FIELD TURBIDITY	:	8.36	NTU
FIELD COLOR	:		
FACILITY GMS #	:		

COMMENTS

UNIQUE ID#
01C EDB
03S CHA
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : SW1
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 13:00
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
INORGANICS						
KF03174-03S						
CHLOROPHYLL A	10200 H	0.1	2.71	mg/m3	RLG	10:00 02/25/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of He
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-appro methods which meet FDER or other state protocol, unless otherwise designated.

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : SW1
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 13:00
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
ORGANICS						
	EDB & DBCP/ENVIRON WATER					
KF03174-02X-5						
ETHYLENE DIBROMIDE	EPA 504.1	0.01	U	ug/L	JPT	2:28 03/01/05
DIBROMCHLORPROPANE	EPA 504.1	0.01	U	ug/L	JPT	2:28 03/01/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill T : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

Identification : SW 2
Site : LENA RD SURFACE H20
Type : WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:	885	MICROMHOS
pH	:	6.90	STANDARD UNITS
WATER TEMPERATURE	:	17.47	DEGREES C
DISSOLVED OXYGEN	:	6.78	mg/L
INITIAL WATER LEVEL	:		
WELL ELEVATION	:		
FIELD TURBIDITY	:	3.15	NTU
FIELD COLOR	:		
FACILITY GMS #	:		

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea
FL • DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-appro
methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE :	02/18/05
Identification	: SW 2	COLLECTION TIME :	11:52
Site	: LENA RD SURFACE H20	COLLECTED BY :	PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
ORGANICS					
APPENDIX I VOLATILES (EPA 8260)					
KF03175-02Y					
1,2,3-TRICHLOROPROPANE	U	0.3	ug/l	JMS	03/02/05
IODOMETHANE	U	0.5	ug/l	JMS	03/02/05
CIS 1,2-DICHLOROETHENE	U	0.10	ug/l	JMS	03/02/05
T-1,4-DICHLORO-2-BUTENE	U	10.0	ug/l	JMS	03/02/05
STYRENE	U	1.0	ug/l	JMS	03/02/05
1,1,1,2-TETRACHLOROETHANE	U	0.1	ug/l	JMS	03/02/05
2-HEXANONE	U	2.5	ug/l	JMS	03/02/05
DIBROMOMETHANE	U	0.3	ug/l	JMS	03/02/05
2-BUTANONE	U	2.5	ug/l	JMS	03/02/05
ACETONE	U	2.5	ug/l	JMS	03/02/05
VINYL ACETATE	U	10.0	ug/l	JMS	03/02/05
CARBON DISULFIDE	U	4.1	ug/l	JMS	03/02/05
4-METHYL-2-PENTANONE	U	2.5	ug/l	JMS	03/02/05
BROMOCHLOROMETHANE	U	0.5	ug/l	JMS	03/02/05
CHLOROMETHANE	U	0.13	ug/l	JMS	03/02/05
DICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1-DICHLOROETHENE	U	0.12	ug/l	JMS	03/02/05
TRICHLOROFLUOROMETHANE	U	0.08	ug/l	JMS	03/02/05
CHLOROETHANE	U	0.10	ug/l	JMS	03/02/05
VINYL CHLORIDE	U	0.17	ug/l	JMS	03/02/05
ACRYLONITRILE	U	1.50	ug/l	JMS	03/02/05
1,1-DICHLOROETHANE	U	0.03	ug/l	JMS	03/02/05
BROMOMETHANE	U	0.11	ug/l	JMS	03/02/05
TOLUENE	U	0.11	ug/l	JMS	03/02/05
1,4-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
1,1,2,2-TETRACHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
O-XYLENE	U	0.11	ug/l	JMS	03/02/05
TRIBROMOMETHANE	U	0.12	ug/l	JMS	03/02/05
M,P-XYLENES	U	0.11	ug/l	JMS	03/02/05
ETHYLBENZENE	U	0.06	ug/l	JMS	03/02/05
CHLOROBENZENE	U	0.04	ug/l	JMS	03/02/05
TETRACHLOROETHENE	U	0.14	ug/l	JMS	03/02/05
DIBROMOCHLOROMETHANE	U	0.05	ug/l	JMS	03/02/05
TRANS-1,2-DICHLOROETHENE	U	0.06	ug/l	JMS	03/02/05
TRANS-1,3-DICHLOROPROPENE	U	0.04	ug/l	JMS	03/02/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE :	02/18/05
Identification	: SW 2	COLLECTION TIME :	11:52
Site	: LENA RD SURFACE H20	COLLECTED BY :	PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
1,2-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
CIS-1,3-DICHLOROPROPENE	U	0.05	ug/l	JMS	03/02/05
BROMODICHLOROMETHANE	U	0.08	ug/l	JMS	03/02/05
TRICHLOROETHENE	U	0.19	ug/l	JMS	03/02/05
1,2-DICHLOROPROPANE	U	0.04	ug/l	JMS	03/02/05
CARBON TETRACHLORIDE	U	0.21	ug/l	JMS	03/02/05
BENZENE	U	0.04	ug/l	JMS	03/02/05
1,2-DICHLOROETHANE	U	0.02	ug/l	JMS	03/02/05
1,1,1-TRICHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
TRICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1,2-TRICHLOROETHANE	U	0.10	ug/l	JMS	03/02/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. U=UNDETECTED.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-appro methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

SAMPLE IDENTIFICATION

IDENTIFICATION	: SW2
SITE	: LENA RD SURFACE H20
TYPE	: WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:	885	MICROMHOS
pH	:	6.90	STANDARD UNITS
WATER TEMPERATURE	:	17.47	DEGREES C
DISSOLVED OXYGEN	:	6.78	mg/L
INITIAL WATER LEVEL	:		
WELL ELEVATION	:		
FIELD TURBIDITY	:	3.15	NTU
FIELD COLOR	:		
FACILITY GMS #	:		

COMMENTS

UNIQUE ID#
01C EDB
03S CHA
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

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P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : SW2
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 11:52
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
INORGANICS						
KF03176-03S						
CHLOROPHYLL A	10200 H	0.1	5.02	mg/m3	RLG	10:00 02/25/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : SW2
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 11:52
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
ORGANICS						
EDB & DBCP/ENVIRON WATER						
KF03176-02X-5						
ETHYLENE DIBROMIDE	EPA 504.1	0.01	U	ug/L	JPT	3:02 03/01/05
DIBROMCHLORPROPANE	EPA 504.1	0.01	U	ug/L	JPT	3:02 03/01/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

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P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill T : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

Identification : DUP
Site : LENA RD SURFACE H20
Type : WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:
pH	:
WATER TEMPERATURE	:
DISSOLVED OXYGEN	:
INITIAL WATER LEVEL	:
WELL ELEVATION	:
FIELD TURBIDITY	:
FIELD COLOR	:
FACILITY GMS #	:

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal
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P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE	: 02/18/05
Identification	: DUP	COLLECTION TIME	: 0:00
Site	: LENA RD SURFACE H20	COLLECTED BY	: PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
ORGANICS					
APPENDIX I VOLATILES (EPA 8260)					
KF03177-02Y					
1,2,3-TRICHLOROPROPANE	U	0.3	ug/l	JMS	03/02/05
IODOMETHANE	U	0.5	ug/l	JMS	03/02/05
CIS 1,2-DICHLOROETHENE	U	0.10	ug/l	JMS	03/02/05
T-1,4-DICHLORO-2-BUTENE	U	10.0	ug/l	JMS	03/02/05
STYRENE	U	1.0	ug/l	JMS	03/02/05
1,1,1,2-TETRACHLOROETHANE	U	0.1	ug/l	JMS	03/02/05
2-HEXANONE	U	2.5	ug/l	JMS	03/02/05
DIBROMOMETHANE	U	0.3	ug/l	JMS	03/02/05
2-BUTANONE	U	2.5	ug/l	JMS	03/02/05
ACETONE	U	2.5	ug/l	JMS	03/02/05
VINYL ACETATE	U	10.0	ug/l	JMS	03/02/05
CARBON DISULFIDE	U	4.1	ug/l	JMS	03/02/05
4-METHYL-2-PENTANONE	U	2.5	ug/l	JMS	03/02/05
BROMOCHLOROMETHANE	U	0.5	ug/l	JMS	03/02/05
CHLOROMETHANE	U	0.13	ug/l	JMS	03/02/05
DICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1-DICHLOROETHENE	U	0.12	ug/l	JMS	03/02/05
TRICHLOROFLUOROMETHANE	U	0.08	ug/l	JMS	03/02/05
CHLOROETHANE	U	0.10	ug/l	JMS	03/02/05
VINYL CHLORIDE	U	0.17	ug/l	JMS	03/02/05
ACRYLONITRILE	U	1.50	ug/l	JMS	03/02/05
1,1-DICHLOROETHANE	U	0.03	ug/l	JMS	03/02/05
BROMOMETHANE	U	0.11	ug/l	JMS	03/02/05
TOLUENE	U	0.11	ug/l	JMS	03/02/05
1,4-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
1,1,2,2-TETRACHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
O-XYLENE	U	0.11	ug/l	JMS	03/02/05
TRIBROMOMETHANE	U	0.12	ug/l	JMS	03/02/05
M,P-XYLENES	U	0.11	ug/l	JMS	03/02/05
ETHYLBENZENE	U	0.06	ug/l	JMS	03/02/05
CHLOROBENZENE	U	0.04	ug/l	JMS	03/02/05
TETRACHLOROETHENE	U	0.14	ug/l	JMS	03/02/05
DIBROMOCHLOROMETHANE	U	0.05	ug/l	JMS	03/02/05
TRANS-1,2-DICHLOROETHENE	U	0.06	ug/l	JMS	03/02/05
TRANS-1,3-DICHLOROPROPENE	U	0.04	ug/l	JMS	03/02/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

Client Name	: MANATEE COUNTY SOLID WASTE	COLLECTION DATE	: 02/18/05
Identification	: DUP	COLLECTION TIME	: 0:00
Site	: LENA RD SURFACE H20	COLLECTED BY	: PELA
Type	: WATER	DATE RECEIVED IN LAB	: 02/18/05

PARAMETER	RESULTS	DETECTION LIMIT	UNITS	ANALYST	DATE FINISHED
1,2-DICHLOROBENZENE	U	0.03	ug/l	JMS	03/02/05
CIS-1,3-DICHLOROPROPENE	U	0.05	ug/l	JMS	03/02/05
BROMODICHLOROMETHANE	U	0.08	ug/l	JMS	03/02/05
TRICHLOROETHENE	U	0.19	ug/l	JMS	03/02/05
1,2-DICHLOROPROPANE	U	0.04	ug/l	JMS	03/02/05
CARBON TETRACHLORIDE	U	0.21	ug/l	JMS	03/02/05
BENZENE	U	0.04	ug/l	JMS	03/02/05
1,2-DICHLOROETHANE	U	0.02	ug/l	JMS	03/02/05
1,1,1-TRICHLOROETHANE	U	0.04	ug/l	JMS	03/02/05
TRICHLOROMETHANE	U	0.03	ug/l	JMS	03/02/05
1,1,2-TRICHLOROETHANE	U	0.10	ug/l	JMS	03/02/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. U=UNDETECTED.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

Purchase Order No. :

SAMPLE IDENTIFICATION

IDENTIFICATION	: DUP
SITE	: LENA RD SURFACE H20
TYPE	: WATER

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	:
pH	:
WATER TEMPERATURE	:
DISSOLVED OXYGEN	:
INITIAL WATER LEVEL	:
WELL ELEVATION	:
FIELD TURBIDITY	:
FIELD COLOR	:
FACILITY GMS #	:

COMMENTS

UNIQUE ID#
01C EDB
03S CHA
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv
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PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : DUP
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 0:00
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
INORGANICS						
KF03178-03S						
CHLOROPHYLL A	10200 H	0.1	4.80	mg/m3	RLG	10:00 02/25/05

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION.

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY SOLID WASTE
IDENTIFICATION : DUP
SITE : LENA RD SURFACE H20
TYPE : WATER

Report ID: 0502074063
COLLECTION DATE : 02/18/05
COLLECTION TIME : 0:00
COLLECTED BY : PELA
DATE RECEIVED IN LAB : 02/18/05

PARAMETER	METHOD	DETECTION LIMITS	RESULT	UNIT	ANALYST	TIME/DATE STARTED
ORGANICS						
	EDB & DBCP/ENVIRON WATER					
KF03178-02X-5						
ETHYLENE DIBROMIDE	EPA 504.1	0.01	U	ug/L	JPT	3:34 03/01/05
DIBROMCHLORPROPANE	EPA 504.1	0.01	U	ug/L	JPT	3:34 03/01/05

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

P.E. LaMoreaux & Associates
4320 Old Highway 37
Lakeland, Florida 33813
(863) 646-8526

CHAIN OF CUSTODY

74063

REPORTING ADDRESS:
ATTN:
CLIENT: Manatee Co.
ADDRESS:

INVOICING ADDRESS:
ATTN:
CLIENT:
ADDRESS:

PROJECT NAME	PROJECT LOCATION
	Lena Rd Surface H2o
PROJECT NO.	PURCHASE ORDER NO.
PROJECT CONTACT	PROJECT TEL. NO.
J. Fredrick	
SAMPLER NAME(S)	
S. Hale	

PAGE 1 OF 1

SAMPLING DATE	SAMPLING TIME	SAMPLE IDENTIFICATION	TYPE: (W)ATER (S)OIL (O)THER	REQUIRED ANALYSIS: Appt List 1.	Ecoli	CHA		Color	Sheen	FIELD PARAMETERS: SC (umhos/cm)	pH	TEMP (°C)	D.O.	
2/10/05	1300	SW 1	W	3 G H	1 G I	1 G I		Yellow	none	733	6.57	14.92	~~6.74~~ 6.52	8.26
	1152	SW 2	W	2 G H	2 G I	2 G I		Light Yellow	none	845	6.90	17.47	6.76	3.15
"	—	Dup	W			1 "								

NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE
CONTAINER TYPES: (P)LASTIC (G)LASS (O)THER
PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCLORIC (I)CED (O)THER

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
[signature]	2/11/05	1650					

FOR PELA LABORATORY USE ONLY

RECEIVED FOR LAB	DATE	TIME	WORK ORDER #
[signature]	2/11	1650	050207063

LABORATORY REMARKS:
2C

74064

REPORTING ADDRESS:
ATTN:
CLIENT: ManTech Cs
ADDRESS:

P.E. LaMoreaux & Associates
4320 Old Highway 37
Lakeland, Florida 33813
(863) 646-8526

CHAIN OF CUSTODY

INVOICING ADDRESS:
ATTN:
CLIENT:
ADDRESS:

PROJECT NAME	PROJECT LOCATION
	Lena Rd Surface H2O
PROJECT NO.	PURCHASE ORDER NO.
PROJECT CONTACT: Jeff Goodwin	PROJECT TEL. NO.
SAMPLER NAME(S): Stevens	

PAGE 1 OF 2

SAMPLING DATE	SAMPLING TIME	SAMPLE IDENTIFICATION		TYPE: (W)ATER (S)OIL (O)THER	REQUIRED ANALYSIS: TKN, NH4	TP	NO2 NO3	TDS	Chlor, TSS	Cod, TOC	FIELD PARAMETERS: SC (umhos/cm)	pH	TEMP (°C)	D.O.
2/18/05	1300	SW 1	4424	W	1 P SU	1 P SU	1 P I	1 P I	1 P I	1 P SU				
"	1152	SW 2	4425	W	2	2	2	2	2	2				
"	—	Dup	4426	W	2	2	2	2	2	2				

NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE
CONTAINER TYPES: (P)LASTIC (G)LASS (O)THER
PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCLORIC (I)CED (O)THER

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
	2/18/05	2:05					

FOR PELA LABORATORY USE ONLY

RECEIVED FOR LAB	DATE	TIME	WORK ORDER #

LABORATORY REMARKS

P.E. LaMoreaux & Associates, Inc.

Field Instrument Calibration Records

Date: 2/18/05

Analysis: Temperature_____ Conductivity_____ Salinity_____ pH_____ ORP_____

Turbidity ✓ Residual Chlorine_____ DO_____ Other_____

Instrument ID: Make/model Hach 2100P S/N 97030000013648

Initial calibration standards

Standard A conc 3.61 PELA lot # I7063

Standard B conc 37.3 PELA lot # "

Standard C conc 445 PELA lot # "

Continuing calibration verification (CCV) standard

Standard conc 37.3 PELA lot # I7063

Note: The CCV standard is used for the final calibration check

Time	STD	Std Conc	Instrument reading	Dev.	Acceptable yes / no	Calib. type	Calibrated by
0745	A	3.61	3.68		Y	init	
	B	37.3	37.4		Y	init	
	C	445	447		Y	init	
1720	B	37.3	37.6		Y	post	

P.E. LaMoreaux & Associates, Inc.

Field Instrument Calibration Records

Date: 2/4/05

Analysis: Temperature_____ Conductivity ✓ Salinity____ pH_____ ORP____

Turbidity____ Residual Chlorine____ DO____ Other_____

Instrument ID: Make/model YSI 556 S/N 02L0619AA

Initial calibration standards

Standard A conc 146.9 PELA lot # 010505

Standard B conc 1413 PELA lot # "

Standard C conc 24800 PELA lot # "

Continuing calibration verification (CCV) standard

Standard conc 1413 PELA lot # 010505

Note: The CCV standard is used for the final calibration check

Time	STD	Std Conc	Instrument reading	Dev.	Acceptable yes / no	Calib. type	Calibrated by
0745	A	146.9	149		Y	init	
	B	1413	1405		Y	init	
	C	24,800	24813		Y	init	
1320	B	1413	1402		Y	post	

P.E. LaMoreaux & Associates, Inc.

Field Instrument Calibration Records

Date: 2/18/25

Analysis: Temperature_____ Conductivity_____ Salinity____ pH ✓ ORP____

Turbidity____ Residual Chlorine____ DO____ Other_____

Instrument ID: Make/model YSI 556 S/N 02L0019AA

Initial calibration standards

Standard A conc 7.00 PELA lot # 027504-24

Standard B conc 4.00 PELA lot # 024860-24

Standard C conc 10.00 PELA lot # 023154-24

Continuing calibration verification (CCV) standard

Standard conc 5.00 PELA lot # 018478-24

Note: The CCV standard is used for the final calibration check

Time	STD	Std Conc	Instrument reading	Dev.	Acceptable yes / no	Calib. type	Calibrated by
0745	A	7.00	7.04		y	init	SB
	B	4.00	4.02		y	init	
	C	10.00	9.97		y	init	
	QC	5.00	5.03		y		
1730	QC	5.00	5.01		y	Post	SB

Form Field I revision 3/8/2002

P.E. LaMoreaux & Associates, Inc.

Field Instrument Calibration Records

Date: 2/16/05

Analysis: Temperature_____ Conductivity_____ Salinity____ pH_____ ORP____

Turbidity____ Residual Chlorine____ DO ✓ Other_____

Instrument ID: Make/model YSI556 S/N 02L060194A

Initial calibration standards

Standard A conc 150 PELA lot #_____
Standard B conc_____ PELA lot #_____
Standard C conc_____ PELA lot #_____

Continuing calibration verification (CCV) standard

Standard conc _____ PELA lot #_____

Note: The CCV standard is used for the final calibration check

Time	STD	Std Conc	Instrument reading	Dev.	Acceptable yes / no	Calib. type	Calibrated by
0745		150 (6.74 µS)	9.49		Y	init	SH
1730		150			Y	post	SH

Form Field 1 revision 3/8/2002

P.E. LaMoreaux & Associates
4320 Old Highway 37
Lakeland, Florida 33813
(863) 646-8526

CHAIN OF CUSTODY

74065

REPORTING ADDRESS:
ATTN:
CLIENT: Manatee Co
ADDRESS:

INVOICING ADDRESS:
ATTN:
CLIENT:
ADDRESS:

PROJECT NAME:
PROJECT LOCATION: Lena Rd Surface H2O
PROJECT NO.:
PURCHASE ORDER NO.:
PROJECT CONTACT: Jeff Goodwin
PROJECT TEL. NO.:
SAMPLER NAME(S): S Helms

PAGE 2 OF 2

SAMPLING DATE	SAMPLING TIME	SAMPLE IDENTIFICATION	TYPE: (W)ATER (S)OIL (O)THER	REQUIRED ANALYSIS: API Metals, Ca, Fe, Mg, Hg	Fecal			Color	Sheen	FIELD PARAMETERS: SC (umhos/cm)	pH	TEMP (°C)	D.O.	
NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE (CONTAINER TYPES: (P)LASTIC (G)LASS (O)THER; PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCLORIC (I)CED (O)THER)														
2/18/05	13:00	SW 1 AEC 4424	L	1 P N	1 P I			light yellow	none	733	6.87	16.92	6.55	8.36 NH4
"	11:52	SW 2 4425	L	"	"			light yellow	none	885	6.90	17.47	6.78	3.15
"	—	Dup 4426	L	"	"									

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
	2/18/05	2:05					

FOR PELA LABORATORY USE ONLY

RECEIVED FOR LAB	DATE	TIME	WORK ORDER #

LABORATORY REMARKS:

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW1

Purchase Order No. :

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 733	MICROMHOS
pH	: 6.87	STANDARD UNITS
WATER TEMPERATURE	: 16.92	DEGREES C
DISSOLVED OXYGEN	: 6.55	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 8.36	NTU
FIELD COLOR	:	

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Healt
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve
methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW1

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 13:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 13:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	ORGANICS KF03173-APPENDIX I VOLATILES (	*	N		2/28/05	16:14	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

**BAILER

	ORGANICS KF03173-02Y									
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	ug
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	ug
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.10	ug
34496	1,1-dichloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.03	ug
34501	1,1-dichloroethene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.12	ug
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.03	ug
34531	1,2-dichloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.02	ug
34541	1,2-dichloropropane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	ug
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.03	ug
34215	Acrylonitrile	*	N	EPA 8260	3/2/05	14:26	U	ug/l	1.50	ug
34030	Benzene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	ug
32101	Bromodichloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.08	ug
34413	Bromomethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.11	ug
32102	Carbon tetrachloride	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.21	ug
34301	Chlorobenzene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	ug
34311	Chloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.10	ug
34418	Chloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.13	ug
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.05	ug
32105	Dibromochloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.05	ug
34423	Dichloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.03	ug
34371	Ethylbenzene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.06	ug
81551	m,p-Xylenes	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.11	ug
77135	o-Xylene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.11	ug
34475	Tetrachloroethene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.14	ug
34010	Toluene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.11	ug
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.06	ug

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Healt

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW1

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 13:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 13:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.04	u
32104	Tribromomethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.12	u
39180	Trichloroethene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.19	u
34488	Trichlorofluoromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.08	u
32106	Trichloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.03	u
39175	Vinyl Chloride	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.17	u
	KF03173-02Y									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.1	u
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.3	u
81595	2-Butanone	*	N	EPA 8260	3/2/05	14:26	U	ug/l	2.5	u
77103	2-Hexanone	*	N	EPA 8260	3/2/05	14:26	U	ug/l	2.5	u
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/2/05	14:26	U	ug/l	2.5	u
81552	Acetone	*	N	EPA 8260	3/2/05	14:26	U	ug/l	2.5	u
73085	Bromochloromethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.5	u
81309	Carbon Disulfide	*	N	EPA 8260	3/2/05	14:26	U	ug/l	4.1	u
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.10	u
34536	Dibromomethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.3	u
77424	Iodomethane	*	N	EPA 8260	3/2/05	14:26	U	ug/l	0.5	u
77128	Styrene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	1.0	u
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/2/05	14:26	U	ug/l	10.0	u
77057	Vinyl Acetate	*	N	EPA 8260	3/2/05	14:26	U	ug/l	10.0	u

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW1

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 13:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 13:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	INORGANICS KF03174-03S									
32223	CHLOROPHYLL A	*	N	10200 H	2/25/05	10:00	2.71	mg/m3	0.1	mg/

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03174-									
	EDB & DBCP/EW	*	N		2/28/05	15:59	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03174-02X-5									
38437	DIBROMCHLORPROPANE	*	N	EPA 504.1	3/1/05	2:28	U	ug/L	0.01	ug
46369	ETHYLENE DIBROMIDE	*	N	EPA 504.1	3/1/05	2:28	U	ug/L	0.01	ug

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW 2

Purchase Order No. :

FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 885	MICROMHOS
pH	: 6.90	STANDARD UNITS
WATER TEMPERATURE	: 17.47	DEGREES C
DISSOLVED OXYGEN	: 6.78	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 3.15	NTU
FIELD COLOR	:	

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

PELA

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P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW 2

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 11:52

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:52

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	ORGANICS KF03175-APPENDIX I VOLATILES (	*	N		2/28/05	16:14	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03175-02Y									
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.10	u
34496	1,1-dichloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.03	u
34501	1,1-dichloroethene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.12	u
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.03	u
34531	1,2-dichloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.02	u
34541	1,2-dichloropropane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.03	u
34215	Acrylonitrile	*	N	EPA 8260	3/2/05	13:12	U	ug/l	1.50	u
34030	Benzene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
32101	Bromodichloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.08	u
34413	Bromomethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.11	u
32102	Carbon tetrachloride	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.21	u
34301	Chlorobenzene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
34311	Chloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.10	u
34418	Chloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.13	u
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.05	u
32105	Dibromochloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.05	u
34423	Dichloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.03	u
34371	Ethylbenzene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.06	u
81551	m,p-Xylenes	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.11	u
77135	o-Xylene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.11	u
34475	Tetrachloroethene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.14	u
34010	Toluene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.11	u
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.06	u

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Healt

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW 2

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 11:52

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:52

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.04	u
32104	Tribromomethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.12	u
39180	Trichloroethene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.19	u
34488	Trichlorofluoromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.08	u
32106	Trichloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.03	u
39175	Vinyl Chloride	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.17	u
	KF03175-02Y									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.1	u
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.3	u
81595	2-Butanone	*	N	EPA 8260	3/2/05	13:12	U	ug/l	2.5	u
77103	2-Hexanone	*	N	EPA 8260	3/2/05	13:12	U	ug/l	2.5	u
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/2/05	13:12	U	ug/l	2.5	u
81552	Acetone	*	N	EPA 8260	3/2/05	13:12	U	ug/l	2.5	u
73085	Bromochloromethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.5	u
81309	Carbon Disulfide	*	N	EPA 8260	3/2/05	13:12	U	ug/l	4.1	u
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.10	u
34536	Dibromomethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.3	u
77424	Iodomethane	*	N	EPA 8260	3/2/05	13:12	U	ug/l	0.5	u
77128	Styrene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	1.0	u
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/2/05	13:12	U	ug/l	10.0	u
77057	Vinyl Acetate	*	N	EPA 8260	3/2/05	13:12	U	ug/l	10.0	u

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Hea
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : SW2

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 11:52

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 11:52

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	INORGANICS KF03176-03S									
32223	CHLOROPHYLL A	*	N	10200 H	2/25/05	10:00	5.02	mg/m3	0.1	mg/r

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03176-									
	EDB & DBCP/EW	*	N		2/28/05	15:59	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03176-02X-5									
38437	DIBROMCHLORPROPANE	*	N	EPA 504.1	3/1/05	3:02	U	ug/L	0.01	ug
46369	ETHYLENE DIBROMIDE	*	N	EPA 504.1	3/1/05	3:02	U	ug/L	0.01	ug

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Healt
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve methods which meet FDER or other state protocol, unless otherwise designated.

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REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

Report ID: 0502074063

CLIENT INFORMATION

Client : MANATEE COUNTY SOLID WASTE
3333 LENA ROAD
BRADENTON FL 34202
Attention : JEFF GOODWIN

BILLING INFORMATION

Bill To : MANATEE COUNTY FINANCE DEPT.
ATTN: DARLENE
P.O. BOX 1000
BRADENTON FL 34206

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : DUP

Purchase Order No. :

FIELD PARAMETERS

SPECIFIC CONDUCTANCE :
pH :
WATER TEMPERATURE :
DISSOLVED OXYGEN :
INITIAL WATER LEVEL :
WELL ELEVATION :
FIELD TURBIDITY :
FIELD COLOR :

COMMENTS

UNIQUE ID
01A APP1V
COLOR:LT. YELLOW
SHEEN:NONE

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Healt
FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approve
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PELA

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Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : DUP

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 0:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 0:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	ORGANICS KF03177- APPENDIX I VOLATILES (	*	N		2/28/05	16:14	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03177-02Y									
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.10	u
34496	1,1-dichloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.03	u
34501	1,1-dichloroethene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.12	u
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.03	u
34531	1,2-dichloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.02	u
34541	1,2-dichloropropane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.03	u
34215	Acrylonitrile	*	N	EPA 8260	3/2/05	15:03	U	ug/l	1.50	u
34030	Benzene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
32101	Bromodichloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.08	u
34413	Bromomethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.11	u
32102	Carbon tetrachloride	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.21	u
34301	Chlorobenzene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
34311	Chloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.10	u
34418	Chloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.13	u
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.05	u
32105	Dibromochloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.05	u
34423	Dichloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.03	u
34371	Ethylbenzene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.06	u
81551	m,p-Xylenes	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.11	u
77135	o-Xylene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.11	u
34475	Tetrachloroethene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.14	u
34010	Toluene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.11	u
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.06	u

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : DUP

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 0:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 0:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.04	u
32104	Tribromomethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.12	u
39180	Trichloroethene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.19	u
34488	Trichlorofluoromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.08	u
32106	Trichloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.03	u
39175	Vinyl Chloride	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.17	u
	KF03177-02Y									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.1	u
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.3	u
81595	2-Butanone	*	N	EPA 8260	3/2/05	15:03	U	ug/l	2.5	u
77103	2-Hexanone	*	N	EPA 8260	3/2/05	15:03	U	ug/l	2.5	u
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/2/05	15:03	U	ug/l	2.5	u
81552	Acetone	*	N	EPA 8260	3/2/05	15:03	U	ug/l	2.5	u
73085	Bromochloromethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.5	u
81309	Carbon Disulfide	*	N	EPA 8260	3/2/05	15:03	U	ug/l	4.1	u
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.10	u
34536	Dibromomethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.3	u
77424	Iodomethane	*	N	EPA 8260	3/2/05	15:03	U	ug/l	0.5	u
77128	Styrene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	1.0	u
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/2/05	15:03	U	ug/l	10.0	u
77057	Vinyl Acetate	*	N	EPA 8260	3/2/05	15:03	U	ug/l	10.0	u

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

CERTIFICATIONS: State of FL #E84098 • State of AL #40120 • State of KY #90013 • State of TN #02958 • State of SC #96022 • State of GA #927 • State of MS Dept. of Heal

FL - DEP CompQAP: 870072 • Methods: *Standard Methods for the Examination of Water and Wastewater*, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approv methods which meet FDER or other state protocol, unless otherwise designated.

PELA

REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813 PHONE 863/646-8526 FAX 863/646-1042

PART III ANALYTICAL RESULTS

FACILITY GMS #:

TEST SITE ID # : LENA RD SURFACE H20

WELL NAME : DUP

CLASSIFICATION OF GROUNDWATER: G II

GROUND WATER ELEVATION (NGVD)

OR (MSL) :

FEET BMP :

Report ID: 0502074063

SAMPLING DATE/TIME : 2/18/05 0:00

REPORT PERIOD (YR/QTR) 2005/1st

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/05

COLLECTION TIME : 0:00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/05

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	ANALYSIS UNITS	DETECTION LIMITS	DETECTION UNITS
	INORGANICS KF03178-03S									
32223	CHLOROPHYLL A	*	N	10200 H	2/25/05	10:00	4.80	mg/m3	0.1	mg/r

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03178- EDB & DBCP/EW	*	N		2/28/05	15:59	Complete			

*SUBMERSIBLE OR PERISTALIC PUMP

** BAILER

	ORGANICS KF03178-02X-5									
38437	DIBROMCHLORPROPANE	*	N	EPA 504.1	3/1/05	3:34	U	ug/L	0.01	ug
46369	ETHYLENE DIBROMIDE	*	N	EPA 504.1	3/1/05	3:34	U	ug/L	0.01	ug

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