



MANATEE COUNTY GOVERNMENT

Public Works Department

April 18, 1995

Allison Amram, P.G.
Florida Department of Environmental Protection
Solid Waste Section, Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

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Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Re: Lena Road Landfill, Permit SO41-211176
Groundwater Monitoring Well GC-1A
First Monthly Report

Dear Ms. Amram:

As you are aware, Manatee County is required to submit a monthly analysis of Appendix I parameters from the above noted replacement well. Please find enclosed the first month's analysis prepared by P.E. Lamoreaux & Associates, Inc.

We note that the following parameters are above the detection limits:

Appendix I Inorganics
Zinc as ZN and Arsenic as AS

Appendix I Volatiles (EPA 8260)
Benzene and Chlorobenzene

Please be advised that should these parameters exceed the detection limits in the second month's analysis, it is our intention to evaluate the area around the well to determine the cause in order to implement remediation work.

If you require further information regarding this matter at this time, please contact this office.

Sincerely,

Lenox E. "Len" Bramble
Director

/gbp

Enclosure: 1

cc: Daniel T. Gray, Utilities Operations Manager
Gus A. DiFonzo, Solid Waste Manager





REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813 PHONE 813/646-8528 FAX 813/646-1042

Client Name : MCPWD-INDUSTRIAL COMPLIANCE
Identification: GC1A 20699
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF02750
COLLECTION DATE: 03/14/95
COLLECTION TIME: 09:00

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
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INORGANICS

APPENDIX I INORGANIC PARAMETERS

BARIUM AS BA ✓	BDL	0.1	mg/L	SJM	13:48 03/24/95	03/24/95
CADMIUM AS CD ✓	BDL	0.005	mg/L	SJM	13:48 03/24/95	03/24/95
CHROMIUM AS CR ✓	BDL	0.04	mg/L	SJM	13:48 03/24/95	03/24/95
COBALT AS CO ✓	BDL	0.05	mg/L	SJM	13:48 03/24/95	03/24/95
COPPER AS CU ✓	BDL	0.02	mg/L	SJM	13:54 03/22/95	03/22/95
NICKEL AS NI ✓	BDL	0.02	mg/L	SJM	13:48 03/24/95	03/24/95
SILVER AS AG ✓	BDL	0.005	mg/L	SJM	13:48 03/24/95	03/24/95
VANADIUM AS V ✓	BDL	0.10	mg/L	SJM	13:55 03/17/95	03/17/95
ZINC AS ZN ✓	0.387 ✓	0.005	mg/L	SJM	13:48 03/24/95	03/24/95
ANTIMONY AS SB ✓	BDL	0.005	mg/L	SJM	12:19 03/22/95	03/22/95
ARSENIC AS AS ✓	0.011 ✓	0.001	mg/L	SJM	15:53 03/20/95	03/20/95
BERYLLIUM AS BE ✓	BDL	0.003	mg/L	SJM	15:37 03/24/95	03/24/95
LEAD AS PB ✓	0.001 OK	0.001	mg/L	SJM	09:24 03/21/95	03/21/95
SELENIUM AS SE ✓	BDL	0.002	mg/L	SJM	10:10 03/20/95	03/20/95
THALLIUM AS TL ✓	BDL	0.001	mg/L	SJM	09:32 03/22/95	03/22/95

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PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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ORGANICS

APPENDIX I VOLATILES (EPA 8260)

IODOMETHANE	BDL	0.5	ug/L	JMS	03/21/95
ACETONE	BDL	2.5	ug/L	JMS	03/21/95
CARBON DISULFIDE	BDL	5.0	ug/L	JMS	03/21/95
VINYL ACETATE	BDL	10.0	ug/L	JMS	03/21/95
2-BUTANONE	BDL	5.0	ug/L	JMS	03/21/95
BROMOCHLOROMETHANE	BDL	0.5	ug/L	JMS	03/21/95
CIS 1,2-DICHLOROETHENE	BDL	0.1	ug/L	JMS	03/21/95
DIBROMOMETHANE	BDL	0.3	ug/L	JMS	03/21/95
4-METHYL-2-PENTANONE	BDL	5.0	ug/L	JMS	03/21/95
2-HEXANONE	BDL	5.0	ug/L	JMS	03/21/95
1,2-DIBROMOETHANE	BDL	0.5	ug/L	JMS	03/21/95
1,1,1,2-TETRACHLOROETHANE	BDL	0.1	ug/L	JMS	03/21/95
STYRENE	BDL	1.0	ug/L	JMS	03/21/95
1,2,3-TRICHLOROPROPANE	BDL	0.3	ug/L	JMS	03/21/95
T-1,4-DICHLORO-2-BUTENE	BDL	10.0	ug/L	JMS	03/21/95
1,2-DIBROMO-3-CHLOROPROPANE	BDL	0.5	ug/L	JMS	03/21/95
1,3-DICHLOROBENZENE	BDL	0.12	ug/L	JMS	03/21/95
1,4-DICHLOROBENZENE	BDL	0.03	ug/L	JMS	03/21/95
1,2-DICHLOROBENZENE	BDL	0.03	ug/L	JMS	03/21/95
CHLOROMETHANE	BDL	0.13	ug/L	JMS	03/21/95
VINYL CHLORIDE	BDL	0.17	ug/L	JMS	03/21/95
BROMOMETHANE	BDL	0.11	ug/L	JMS	03/21/95
CHLOROETHANE	BDL	0.10	ug/L	JMS	03/21/95
TRICHLOROFLUOROMETHANE	BDL	0.08	ug/L	JMS	03/21/95
1,1-DICHLOROETHENE	BDL	0.12	ug/L	JMS	03/21/95
DICHLOROMETHANE	BDL	0.03	ug/L	JMS	03/21/95
TRANS-1,2-DICHLOROETHENE	BDL	0.06	ug/L	JMS	03/21/95
ACRYLONITRILE	BDL	1.50	ug/L	JMS	03/21/95
1,1-DICHLOROETHANE	BDL	0.04	ug/L	JMS	03/21/95
TRICHLOROMETHANE	BDL	0.03	ug/L	JMS	03/21/95
1,1,1-TRICHLOROETHANE	BDL	0.08	ug/L	JMS	03/21/95
1,2-DICHLOROETHANE	BDL	0.06	ug/L	JMS	03/21/95
BENZENE	2.05	0.04	ug/L	JMS	03/21/95
CARBON TETRACHLORIDE	BDL	0.21	ug/L	JMS	03/21/95
1,2-DICHLOROPROPANE	BDL	0.04	ug/L	JMS	03/21/95
TRICHLOROETHENE	BDL	0.19	ug/L	JMS	03/21/95
BROMODICHLOROMETHANE	BDL	0.08	ug/L	JMS	03/21/95
CIS-1,3-DICHLOROPROPENE	BDL	0.05	ug/L	JMS	03/21/95

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. BDL - BELOW DETECTION LIMIT.

CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

METHODS: Standard Methods for the Examination of Water and Wastewater, Latest Edition, APHA, AWWA, and WEF and/or other EPA-approved methods which meet FDER or other state protocol, unless otherwise designated.



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TOLUENE	BDL	0.11	ug/L	JMS	03/21/95
TRANS-1,3-DICHLOROPROPENE	BDL	0.04	ug/L	JMS	03/21/95
1,1,2-TRICHLOROETHANE	BDL	0.10	ug/L	JMS	03/21/95
DIBROMOCHLOROMETHANE	BDL	0.05	ug/L	JMS	03/21/95
TETRACHLOROETHENE	BDL	0.14	ug/L	JMS	03/21/95
CHLOROBENZENE	6.47	0.04	ug/L	JMS	03/21/95
ETHYLBENZENE	BDL	0.06	ug/L	JMS	03/21/95
M,P-XYLENES	BDL	0.11	ug/L	JMS	03/21/95
TRIBROMOMETHANE	BDL	0.12	ug/L	JMS	03/21/95
O-XYLENE	BDL	0.11	ug/L	JMS	03/21/95
1,1,2,2-TETRACHLOROETHANE	BDL	0.04	ug/L	JMS	03/21/95

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. BDL - BELOW DETECTION LIMIT.

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