



gw file

MANATEE COUNTY GOVERNMENT

Public Works Department

May 15, 1995

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

D.E.P.
MAY 22 1995
SOUTHWEST DISTRICT
TAMPA

Re: Lena Road Landfill, Permit SO41-211176
Groundwater Monitoring Well GC-1A
Second 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 second 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, Lead as PB and Arsenic as AS

Appendix I Volatiles (EPA 8260)
Benzene and Chlorobenzene

Please be advised that as these parameters were also above the detection limits in the first month's analysis, it is our intention to evaluate the area around the well to determine the cause in order to implement remediation work. Staff will begin work with HDR Engineering, Inc. to determine causes and effect correction upon issuance of a Work Assignment.

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. LaMoreaux and Associates, Inc.
Geochemistry Laboratory

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

Client Name : MANATEE CO.SOLID WASTE
Identification: GCL1 20706
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF03659
COLLECTION DATE: 04/06/95
COLLECTION TIME: 10:30

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	TIME/	DATE
					STARTED	FINISHED

INORGANICS

APPENDIX I INORGANIC PARAMETERS

BARIUM AS BA	BDL	0.1	mg/L	SJM	14:34 04/11/95	04/11/95
CADMIUM AS CD	BDL	0.005	mg/L	SJM	14:34 04/11/95	04/11/95
CHROMIUM AS CR	BDL	0.04	mg/L	SJM	14:34 04/11/95	04/11/95
COBALT AS CO	BDL	0.05	mg/L	SJM	14:34 04/11/95	04/11/95
COPPER AS CU	BDL	0.02	mg/L	SJM	14:34 04/11/95	04/11/95
NICKEL AS NI	BDL	0.02	mg/L	SJM	14:34 04/11/95	04/11/95
SILVER AS AG	BDL	0.005	mg/L	SJM	14:34 04/11/95	04/11/95
VANADIUM AS V	BDL	0.10	mg/L	SJM	14:53 04/24/95	04/24/95
ZINC AS ZN	0.433 ✓	0.005	mg/L	SJM	14:34 04/11/95	04/11/95
ANTIMONY AS SB	BDL	0.005	mg/L	SJM	13:58 04/14/95	04/14/95
ARSENIC AS AS	0.023 ✓	0.001	mg/L	SJM	09:40 04/13/95	04/13/95
BERYLLIUM AS BE	BDL	0.003	mg/L	SJM	10:07 04/19/95	04/19/95
LEAD AS PB	0.003 ✓	0.001	mg/L	SJM	15:37 04/11/95	04/11/95
SELENIUM AS SE	BDL	0.002	mg/L	SJM	17:31 04/13/95	04/13/95
THALLIUM AS TL	BDL	0.001	mg/L	SJM	09:31 04/14/95	04/14/95

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.



REPORT OF ANALYSIS

P.E. Moreaux and Associates, Inc.
 Geochemistry Laboratory
 4320 Old Highway 37, Lakeland, Florida 33813 PHONE 813/646-8526 FAX 813/646-1042

Client Name : MANATEE CO.SOLID WASTE
 Identification: GClA 20706
 Site : LENA LANDFILL
 Type : WATER

PELA LAB NUMBER: JF03659
 COLLECTION DATE: 04/06/95
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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	04/07/95
ACETONE	BDL	2.5	ug/L	JMS	04/07/95
CARBON DISULFIDE	BDL	5.0	ug/L	JMS	04/07/95
VINYL ACETATE	BDL	10.0	ug/L	JMS	04/07/95
2-BUTANONE	BDL	5.0	ug/L	JMS	04/07/95
BROMOCHLOROMETHANE	BDL	0.5	ug/L	JMS	04/07/95
CIS 1,2-DICHLOROETHENE	BDL	0.1	ug/L	JMS	04/07/95
DIBROMOMETHANE	BDL	0.3	ug/L	JMS	04/07/95
4-METHYL-2-PENTANONE	BDL	5.0	ug/L	JMS	04/07/95
2-HEXANONE	BDL	5.0	ug/L	JMS	04/07/95
1,2-DIBROMOETHANE	BDL	0.5	ug/L	JMS	04/07/95
1,1,1,2-TETRACHLOROETHANE	BDL	0.1	ug/L	JMS	04/07/95
STYRENE	BDL	1.0	ug/L	JMS	04/07/95
1,2,3-TRICHLOROPROPANE	BDL	0.3	ug/L	JMS	04/07/95
T-1,4-DICHLORO-2-BUTENE	BDL	10.0	ug/L	JMS	04/07/95
1,2-DIBROMO-3-CHLOROPROPANE	BDL	0.5	ug/L	JMS	04/07/95
1,1,2,2-TETRACHLOROETHANE	BDL	0.04	ug/L	JMS	04/07/95
1,3-DICHLOROBENZENE	BDL	0.12	ug/L	JMS	04/07/95
1,4-DICHLOROBENZENE	BDL	0.03	ug/L	JMS	04/07/95
1,2-DICHLOROBENZENE	BDL	0.03	ug/L	JMS	04/07/95
CHLOROMETHANE	BDL	0.13	ug/L	JMS	04/07/95
VINYL CHLORIDE	BDL	0.17	ug/L	JMS	04/07/95
BROMOMETHANE	BDL	0.11	ug/L	JMS	04/07/95
CHLOROETHANE	BDL	0.10	ug/L	JMS	04/07/95
TRICHLOROFLUOROMETHANE	BDL	0.08	ug/L	JMS	04/07/95
1,1-DICHLOROETHENE	BDL	0.12	ug/L	JMS	04/07/95
DICHLOROMETHANE	BDL	0.03	ug/L	JMS	04/07/95
TRANS-1,2-DICHLOROETHENE	BDL	0.06	ug/L	JMS	04/07/95
ACRYLONITRILE	BDL	1.50	ug/L	JMS	04/07/95
1,1-DICHLOROETHANE	BDL	0.04	ug/L	JMS	04/07/95
TRICHLOROMETHANE	BDL	0.03	ug/L	JMS	04/07/95
1,1,1-TRICHLOROETHANE	BDL	0.08	ug/L	JMS	04/07/95
1,2-DICHLOROETHANE	BDL	0.06	ug/L	JMS	04/07/95
BENZENE	0.22 ✓	0.04	ug/L	JMS	04/07/95
CARBON TETRACHLORIDE	BDL	0.21	ug/L	JMS	04/07/95
1,2-DICHLOROPROPANE	BDL	0.04	ug/L	JMS	04/07/95
TRICHLOROETHENE	BDL	0.19	ug/L	JMS	04/07/95
BROMODICHLOROMETHANE	BDL	0.08	ug/L	JMS	04/07/95

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

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PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
CIS-1,3-DICHLOROPROPENE	BDL	0.05	ug/L	JMS	04/07/95
TOLUENE	BDL	0.11	ug/L	JMS	04/07/95
TRANS-1,3-DICHLOROPROPENE	BDL	0.04	ug/L	JMS	04/07/95
1,1,2-TRICHLOROETHANE	BDL	0.10	ug/L	JMS	04/07/95
DIBROMOCHLOROMETHANE	BDL	0.05	ug/L	JMS	04/07/95
TETRACHLOROETHENE	BDL	0.14	ug/L	JMS	04/07/95
CHLOROBENZENE	1.03 ✓	0.04	ug/L	JMS	04/07/95
ETHYLBENZENE	BDL	0.06	ug/L	JMS	04/07/95
M,P-XYLENES	BDL	0.11	ug/L	JMS	04/07/95
TRIBROMOMETHANE	BDL	0.12	ug/L	JMS	04/07/95
O-XYLENE	BDL	0.11	ug/L	JMS	04/07/95

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