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July 9, 2003

Mr. Gus DiFonzo  
Solid Waste Division  
Manatee County Utility Operations Department  
4410 66<sup>th</sup> Street West  
Bradenton, FL 34210

**Re: Semi-Annual Water Quality Monitoring Report  
First Half 2003 Sampling Event  
Lena Road Landfill  
GMS ID No. 4041M02025  
FDEP Permit No. 39884-001-SO**

Dear Mr. DiFonzo:

PBS&J is pleased to present this Semi-Annual Water Quality Monitoring Report for the First Half of 2003 sampling event at the Lena Road Landfill (LRL) in Manatee County, Florida. The facility is located at 3333 Lena Road in Bradenton, Florida.

### BACKGROUND

The water quality monitoring network at the LRL is designed to monitor the landfill leachate, the surface water of Cypress Strand, and the groundwater within both the surficial and deep (artesian) aquifers beneath the facility. The leachate samples are collected from the leachate pump station. The surface water samples are collected from two points along Cypress Strand: one is located upstream of the facility that is designated SW-2 and the other is located downstream of the facility that is designated SW-1. Nineteen monitoring wells monitor groundwater quality in the surficial aquifer. The wells are designated CW-4, CW-5A, GC-1A through GC-6, LRII-1 through LRII-5, MW-1 through MW-6 and SMR-1. SMR-1 and GC-6 are background wells for the surficial aquifer. Nine wells are used to monitor groundwater quality in the deep aquifer. The wells are designated SA-1 through SA-8, and SMR-2. SMR-2 is the background well for the deep aquifer. A listing of the components that comprise the water quality network is presented in Table 1.

The Specific Condition 31 of the facility's permit requires that the leachate be sampled annually. The leachate is only sampled during the second half sampling event of each year so it was not conducted as part of this sampling event. Groundwater and surface water samples are collected semi-annually and were collected from every monitoring well and every surface water sampling point in the network during this sampling event. A Florida Department of Environmental Protection (FDEP) Ground Water Monitoring Report form for the First Half 2003 sampling event is provided in Attachment A.

FEB 2003  
SAMPLING  
EVENT

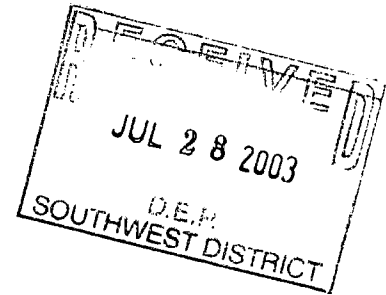
MANATEE COUNTY LAB  
RESULTS NOT PROVIDED IN  
REPORT FORM

SAMPLING LOGS INDICATE  
WELLS WERE PUMPED &  
SAMPLED w/ PERISTALTIC  
PUMP (BUT DID NOT PROVIDE  
SUFFICIENT DETAIL TO  
DEMONSTRATE COMPLIANCE  
w/ SOP'S FOR VOL'S  
ELEVATED NDL'S REPORTED

SW & GW (leach?) 39884  
**RECEIVED** JRM  
6/9/03

JUL 14 2003

Solid Waste Section



- 1, 2, 3 - TRICHLOROETHYLENE
  - 1, 1, 2, 2 - TETRAHYDROETHANE
  - DI BROMOETHYLENE
  - ACETALDEHYDE
  - BROMO DICHLOROETHYLENE
- METHYLENE CHLORIDE DETECTED  
AT SA-5 BUT BELOW  
GW STANDARD

## **SAMPLE COLLECTION METHODOLOGY**

The surface water samples for the First Half 2003 sampling event were collected on February 18, 2003. The groundwater samples were collected between February 18 and February 25, 2003. The samples were collected by representatives of P.E. LaMoreaux and Associates, Inc. (PELA). Depth-to-groundwater measurements were made from the top-of-casing (TOC) at each monitoring well at the time of sample collection in order to evaluate the direction of groundwater flow within both the surficial and deep aquifers. The samples were collected in general accordance with the FDEP's Standard Operating Procedure for Field Activities (SOP 001/01). Copies of the field data sheets and the field equipment calibration logs from this sampling event are provided in Attachment B.

The groundwater samples were analyzed for the organic constituents at PELA's Lakeland, Florida laboratory, and for the inorganic constituents at Manatee County Utility Operations' Central Wastewater Laboratory. The samples were analyzed for total ammonia-N, chlorides, iron, mercury, nitrate, sodium, total dissolved solids (TDS) and all of the parameters listed in Appendix I of 40 Code of Federal Regulations (CFR) Part 258. The samples were analyzed in the field at the time of collection for pH, temperature, specific conductivity, dissolved oxygen (DO), and turbidity.

The surface water samples were analyzed in the field for pH, temperature, specific conductivity, DO, and turbidity. The samples were submitted to the same laboratories as the groundwater samples for analysis for total ammonia-N, bicarbonate, chlorides, iron, mercury, nitrate, sodium, TDS, unionized ammonia, total hardness, biochemical oxygen demand (BOD), copper, zinc, total organic carbon (TOC), fecal coliform, total phosphorus, chlorophyll A, total nitrogen, chemical oxygen demand (COD), total suspended solids (TSS), and the parameters listed in Appendix I of 40 CFR Part 258.

## **ANALYTICAL RESULTS**

### **Groundwater Analytical Results**

A summary of the groundwater analytical results for the First Half 2003 sampling event is presented in Table 2. The concentrations of all of the parameters that were detected in the groundwater were compared to the regulatory standards to determine whether there were any exceedances. The primary standards for groundwater are the Maximum Contaminant Levels (MCLs), as promulgated by Chapter 62-550 of the Florida Administrative Code (FAC). Not every compound has an MCL, however. In those cases either the Secondary Drinking Water Standard (SDWS) or the Groundwater Cleanup Target Level (GCTL) were used as reference criteria. The SDWS and the GCTLs are also promulgated in Chapter 62-550, FAC. The MCL, SDWS or GCTL for each compound are listed in Table 2. Some compounds do not have a regulatory standard. The complete groundwater analytical report is provided in Attachment C-1.

A summary of the parameters that exceeded the regulatory standards in each aquifer is presented below.

### Surficial Aquifer

Four inorganic parameters were detected in the surficial aquifer at concentrations in excess of the regulatory criteria - pH, arsenic, iron, and TDS. A description of the detection pattern of each parameter is presented below:

- pH - The only one of the field parameters that has a regulatory standard is pH. It has an SDWS that includes anything outside of the range between 6.5 and 8.5. The groundwater samples collected at the following surficial aquifer monitoring wells had a pH of less than 6.5: SMR-1, GC-2, GC-3, GC-4, GC-5, GC-6, LRII-1, LRII-2, LRII-3, LRII-4, LRII-5, MW-1, MW-2, MW-3, MW-5, and MW-6. Note that the background wells, GC-6 and SMR-1 are included in this group.
- Arsenic - Arsenic has an MCL of 0.05 milligrams per liter (mg/l). The arsenic concentration exceeded its MCL in the sample collected at well GC-2.
- Iron - Iron has a SDWS of 0.3 mg/l. The SDWS was exceeded in the samples collected at every surficial aquifer well, including the background wells.
- TDS - TDS has a SDWS of 500 mg/l. The TDS concentration in the samples collected at surficial aquifer wells CW-4, MW-2 and MW-3 exceeded the standard.

### Deep Aquifer

The only parameters that were detected in the samples collected at the deep aquifer wells were pH and TDS. The pH reading was outside of the prescribed range in the sample collected at well SA-8, and the TDS concentration was higher than the SDWS in the sample collected at well SA-6.

### **Surface Water Analytical Results**

A summary of the surface water analytical results for the First Half 2003 sampling event is presented in Table 3. The concentration of every parameter that was detected in the surface water was compared to its MCL, SDWS, or Surface Water Cleanup Target Level (SWCTL). The SWCTLs are also promulgated by Chapter 62-550, FAC. The complete surface water analytical laboratory report is provided in Attachment C-2.

Iron and arsenic were the only parameters detected in the surface water at concentrations in excess of their respective regulatory standard. The iron concentration exceeded the SDWS in the samples collected at both surface water sampling points. The concentration of arsenic exceeded the standard in the sample collected at point SW-2.

## ANALYTICAL TRENDS AND ANALYSIS

The pattern of detections with the groundwater and surface water analytical results during the First Half 2003 sampling event were consistent with those of recent sampling events. Although both organic and inorganic analytes have historically been detected in the monitoring network, only inorganic analytes were detected at concentrations in excess of the regulatory standards during this event, including pH, iron, TDS and arsenic. In the surficial aquifer, pH and iron exceeded their respective standards at most of the wells, including the background wells, suggesting that the elevated concentrations reflect the local background conditions. The arsenic and TDS concentrations exceeded their standards at only a few wells scattered across the site. The only exceedances in the deep aquifer were pH and TDS at one well each. Iron and arsenic were also the only parameters that exceeded their respective regulatory standards in the surface water samples.

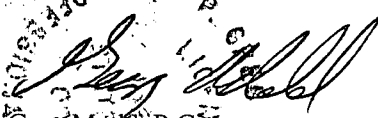
## GROUNDWATER FLOW PATTERN

The depth-to-water and water level elevation readings taken at each monitoring well during the First Half 2003 sampling event are provided in Table 4. The water level measurements were subtracted from the TOC elevations to determine the elevation of the water table at each well. The TOC and water level elevations are referenced in feet above the National Geodetic Vertical Datum (NGVD). The water level elevation data from the shallow monitoring wells was plotted and contoured to generate the water table elevation contour map presented as Figure 1. The data from the deep wells was used to generate the potentiometric surface contour map for the deep aquifer that is presented in Figure 2.

The configuration of the water table indicates that the groundwater within the surficial aquifer (outside the boundary of the landfill) was flowing in a north-northwesterly direction when the readings were taken. The average horizontal gradient across the site measured 0.001 feet per foot (ft/ft). The configuration of the potentiometric surface of the deep aquifer indicates that the groundwater was flowing to the north-northwest at an average horizontal gradient of 0.006 ft/ft.

Please call me at (407) 647-7275, ext. 339 if you have any questions or need any additional information.

Very truly yours,

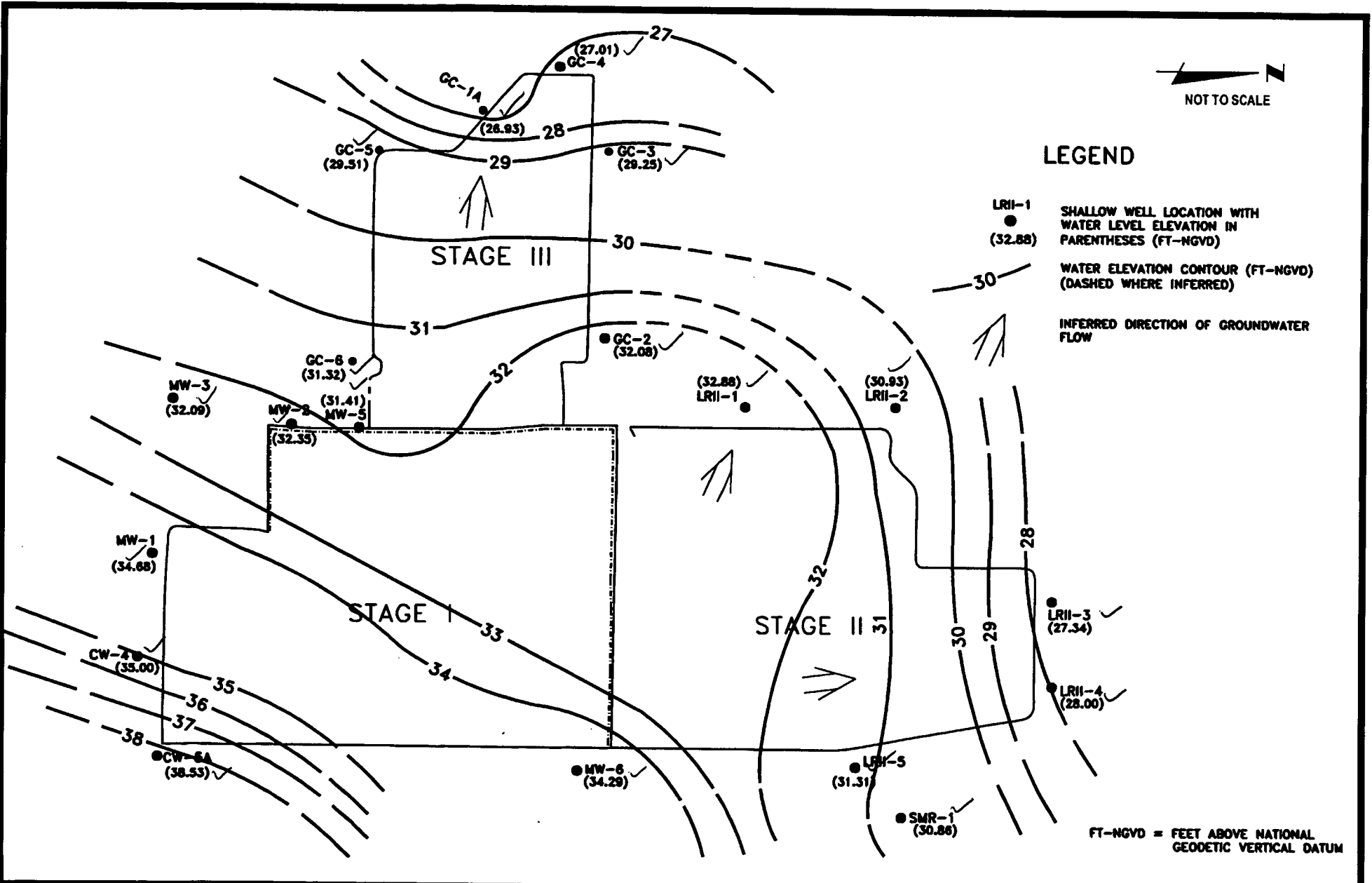
  
Greg Mudd, P.G.  
Senior Geologist

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## FIGURES

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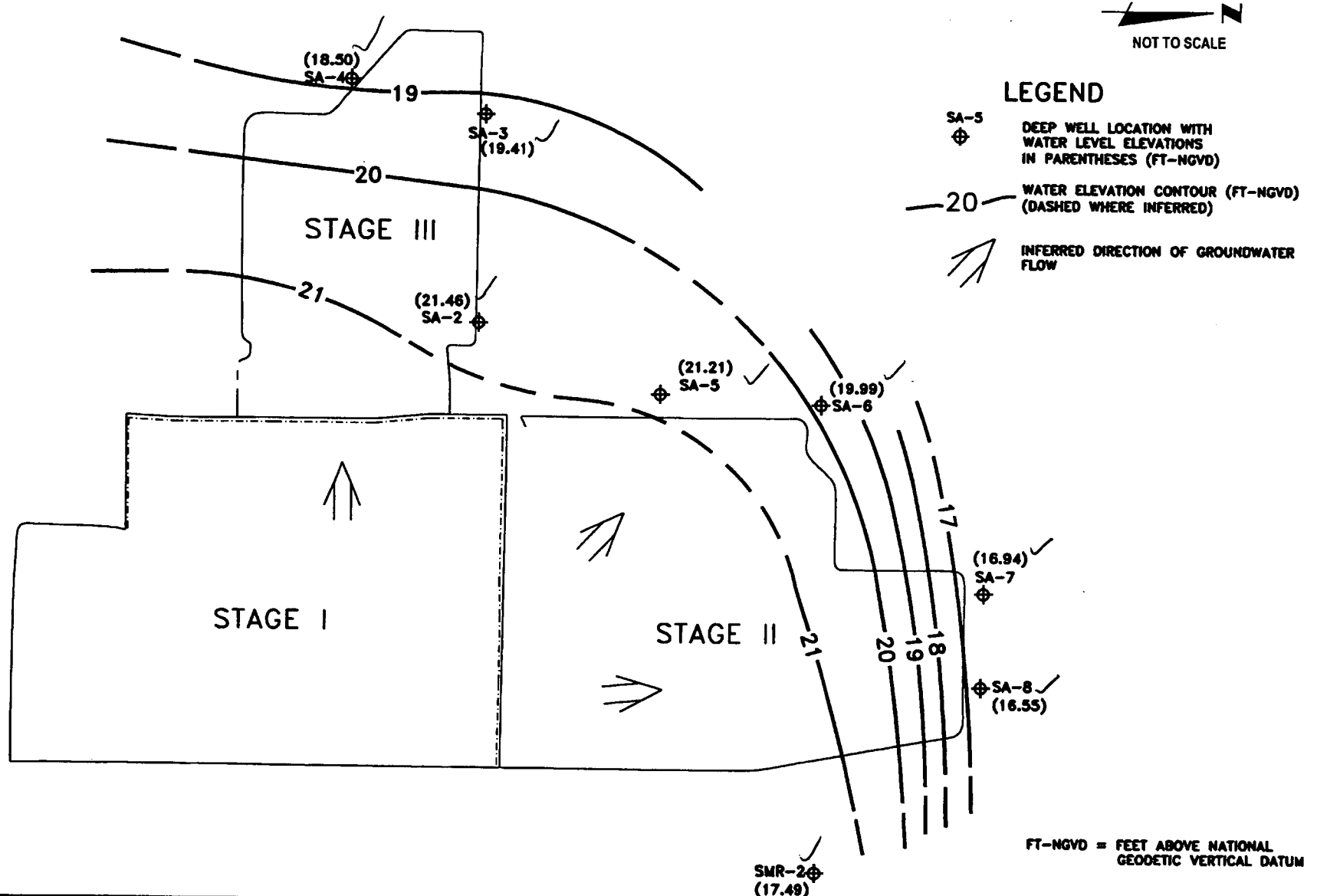


LENA ROAD LANDFILL  
3333 LENA ROAD  
BRADENTON, MANATEE  
COUNTY, FLORIDA

GROUNDWATER ELEVATION CONTOUR MAP,  
SURFICIAL AQUIFER - FIRST HALF, 2003

FIG. 1

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LENA ROAD LANDFILL  
3333 LENA ROAD  
BRADENTON, MANATEE  
COUNTY, FLORIDA

GROUNDWATER ELEVATION CONTOUR MAP,  
DEEP AQUIFER - FIRST HALF, 2003

FIG 2

**TABLES**

**TABLE 1****Water Quality Monitoring Network  
Lena Road Landfill**

Leachate Sampling Points		
Leachate Holding Pond		
Groundwater Sampling Points (Monitoring Wells)		
Location Identifier	Aquifer Monitored	Designation
LRII-1	Surficial	Detection/Compliance
LRII-2	Surficial	Detection/Compliance
LRII-3	Surficial	Detection/Compliance
LRII-4	Surficial	Detection/Compliance Detection
LRII-5	Surficial	Detection/Compliance Detection
MW-1	Surficial	Compliance
MW-2	Surficial	Detection/Compliance Detection
MW-3	Surficial	Detection/Compliance Detection
MW-5	Surficial	Detection/Compliance Detection
MW-6	Surficial	Detection/Compliance Detection
CW-4	Surficial	Compliance
CW-5A	Surficial	Detection/Compliance
GC-1A	Surficial	Detection/Compliance
GC-2	Surficial	Detection/Compliance
GC-3	Surficial	Detection/Compliance Detection
GC-4	Surficial	Detection/Compliance Detection
GC-5	Surficial	Detection/Compliance
GC-6	Surficial	Background
SMR-1	Surficial	Background
SMR-2	Artesian (deep)	Background
SA-2	Artesian (deep)	Detection/Compliance Detection
SA-3	Artesian (deep)	Detection/Compliance Detection
SA-4	Artesian (deep)	Detection/Compliance Detection
SA-5	Artesian (deep)	Detection/Compliance Detection
SA-6	Artesian (deep)	Detection/Compliance Detection
SA-7	Artesian (deep)	Detection/Compliance Detection
SA-8	Artesian (deep)	Detection/Compliance
Surface Water Sampling Points		
SW-1 (Downstream)		
SW-2 (Upstream)		

Table 2 - Groundwater Analytical Summary, First Half 2003

Date Collected	MCL, SDWS or GCTL <sup>(1)</sup>	Units	CW-4	CW-5A	GC-1A	GC-2	GC-3	GC-4A	GC-5	GC-6	ERH-1	ERH-2	ERH-3	ERH-4	ERH-5	MW-1	MW-2	MW-3	MW-5	MW-6	SA-2	SA-3	SA-4	SA-5	SA-6	SA-7	SA-8	SMR-1	SMR-2	
			2/18/03	2/18/03	2/21/03	2/21/03	2/21/03	2/21/03	2/25/03	2/24/03	2/25/03	2/21/03	2/20/03	2/20/03	2/20/03	2/20/03	2/24/03	2/18/03	2/25/03	2/18/03	2/25/03	2/24/03	2/21/03	2/21/03	2/21/03	2/21/03	2/20/03	2/20/03	2/20/03	2/20/03
<b>Field</b>																														
Temperature		C	19.15	20.78	18.06	22.91	23.41	21.75	23.86	22.12	22.15	21.84	22.62	22.95	21.51	20.73	21.98	21.3	21.44	21.23	24.42	24.43	23.07	24.15	24.38	24.52	24.11	21.01	23.59	
pH	<6.5 or >8.5	STD	6.57	6.55	6.75	6.33	6.45	5.58	6.34	5.6	6.27	6.02	4.45	6.01	5.61	5.2	5.89	5.98	6.01	5.3	7.31	7.45	7.42	7.38	7.21	8.26	11.8	5.64	7.51	
Conductivity		umhos/cm	1672	733	423	449	526	440	538	272	506	180	333	552	285	268	768	722	342	172	581	570	711	682	853	491	2711	165	685	
Dissolved Oxygen		mg/l	0.79	0.9	1.54	1.55	1.58	0.9	1.0	0.95	1.14	1.34	1.48	1.27	1.1	0.94	0.94	0.81	1.52	1.08	1.4	1.4	1.38	1.39	1.37	1.38	1.47	1.18	1.69	
Turbidity		NTU	1.66	1.14	7.31	2.04	6.09	26.7	0.65	2.48	3.14	5.94	1.11	3.61	0.76	11.2	1.35	2.00	2.41	3.58	2.56	3.57	3.48	1.38	6.38	2.84	37.5	4.6	2.35	
<b>Organics</b>																														
Acetone	700	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Acrylonitrile	1	ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	1	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	91	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	0.6	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Disulfide	700	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	140	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	2.7	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	0.4	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane	0.2	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylene dibromide	0.02	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,2-Dichlorobenzene	600	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	700	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloroethane	3	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloroethene	7	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	100	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichloromethane	5	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene		ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene		ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	30	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone	280	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl bromide	10	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	5	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-butanone	4200	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl iodide		ug/l	<1.0	<1.0																										

Table 2 - Groundwater Analytical Summary, First Half 2003 (Con't)

Date Collected			CW-4	CW-5A	GC-1A	GC-2	GC-3	GC-4A	GC-5	GC-6	LRH-1	LRH-2	LRH-3	LRH-4	LRH-5	MW-1	MW-2	MW-3	MW-5	MW-6	SA-2	SA-3	SA-4	SA-5	SA-6	SA-7	SA-8	SMR-1	SMR-2		
Date Collected			2/18/03	2/18/03	2/21/03	2/21/03	2/21/03	2/25/03	2/24/03	2/25/03	2/25/03	2/25/03	2/20/03	2/20/03	2/20/03	2/24/03	2/18/03	2/25/03	2/18/03	2/25/03	2/24/03	2/21/03	2/21/03	2/21/03	2/21/03	2/20/03	2/20/03	2/20/03	2/20/03	2/20/03	
MCL, SDWS or GCTL <sup>(1)</sup>	Units																														
<b>Inorganics</b>																															
Antimony	0.06	mg/l	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.004	<0.002	<0.002	
Arsenic	0.05	mg/l	0.023	<0.007	0.013	0.064	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	0.036	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	
Barium	2	mg/l	0.201	0.025	0.011	0.004	0.011	0.082	0.023	0.038	0.007	0.003	0.065	0.012	0.006	0.031	0.066	0.012	0.058	0.006	0.004	0.009	0.013	0.013	0.018	0.015	0.208	0.006	0.012		
Beryllium	0.004	mg/l	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
Cadmium	0.005	mg/l	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
Chromium	0.1	mg/l	<0.0005	0.002	<0.0005	0.001	0.001	0.017	0.002	0.003	0.002	0.002	0.001	0.001	0.003	0.004	<0.005	0.002	0.0016	0.007	0.0015	0.003	0.001	0.001	0.001	0.001	0.001	0.005	0.006	0.004	
Cobalt	0.042	mg/l	<0.002	<0.002	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.001	<0.002	0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.002	0.002	<0.002		
Copper	1	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	0.005		
Iron	0.3	mg/l	7.89	4.53	13.4	21.2	6.09	1.4	8.08	0.917	25.9	8.52	2.18	7.6	4.55	3.77	2.13	0.361	1.19	8.11	<0.01	0.296	<0.01	<0.01	0.034	<0.01	0.052	5.69	0.03		
Lead	0.015	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005		
Nickel	0.1	mg/l	0.008	0.003	0.001	0.004	0.002	0.004	0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	0.002	0.003	0.004	0.001	0.002	0.003	0.001	0.002	0.001	0.001	0.001	0.001	0.004	<0.001	0.002	
Selenium	0.05	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Silver	0.1	mg/l	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
Sodium	160	mg/l	73.2	48.9	17.7	16.1	11.7	22.2	17.8	4.55	16.1	6.79	15.0	20.8	12.7	18.9	56.4	61.8	14.8	7.12	28.2	28.1	59.5	53.9	40.1	36.2	33.3	13.0	54.3		
Thallium	0.002	mg/l	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.0004	<0.0004	<0.0004		
Vanadium	0.049	mg/l	0.002	0.013	0.001	0.003	0.004	0.022	0.005	0.016	0.008	0.003	0.005	0.001	0.006	0.014	0.035	0.005	0.011	0.038	0.001	0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.017	<0.0005		
Zinc	5	mg/l	<0.01	<0.01	0.023	<0.01	<0.01	0.016	<0.01	<0.01	<0.010	<0.01	<0.01	<0.01	<0.01	<0.01	0.014	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
Mercury	0.002	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Ammonia-N	2.8	mg/l	0.189	0.282	7.31	0.138	0.238	1.53	1.42	0.72	0.949	0.051	2.56	1.59	0.328	1.77	0.177	1.18	1.86	0.195	0.198	0.164	0.196	0.185	0.172	0.142	0.172	0.169	0.224		
Chloride	250	mg/l	203	110	20.7	20.6	21.1	27.6	25.6	7.85	18.9	14.8	50.4	52.6	21.9	45.5	67.1	90.5	28.2	13.2	32.0	28.4	66.8	77.0	53.3	57.4	51.4	14.1	99.2		
Hardness	10	mg/l	<0.006	0.033	0.06	0.33	0.036	0.055	<0.006	<0.006	0.046	0.05	0.044	0.049	<0.006	0.025	<0.006	<0.006	<0.006	<0.006	<0.006	0.013	0.04	0.052	0.049	0.01	0.05	0.051	0.05		
Hardness	500	mg/l	1150	407	228	276	322	321	385	201	339	102	163	290	192	202	527	530	194	165	356	398	451	420	566	293	375	130	406		

MCL = Maximum Contaminant Level (bold-faced type); GCTL = Groundwater Cleanup Target Level (plain type); SDWS = Secondary Drinking Water Standard (in italics).  
 Shaded concentrations indicate an exceedance of the lowest of MCL, SDWS, or SWCTL.

**ATTACHMENT A**  
**Ground Water Monitoring Report Form**





PART III ANALYTICAL RESULTS

Facility GMS #: 4041C02025 Sampling Date/Time: February, 2003

ite ID #: \_\_\_\_\_ Report Period: First Half, 2003  
(year/quarter)

Well Name: \_\_\_\_\_ Well Purged (Y/N): \_\_\_\_\_

Classification of Ground Water: \_\_\_\_\_ Well Type: ( ) Background

( ) Intermediate

Ground Water Elevation (NGVD): \_\_\_\_\_ ( ) Compliance

( ) Other

or (MSL): \_\_\_\_\_

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	* Analysis Results/Units	Detection Limits/Units
	Please see attached sampling report, forms, and laboratory report.						

\* Attach Laboratory Reports

**ATTACHMENT B**

**Field Data Sheets**

**ATTACHMENT C**  
**Laboratory Analytical Reports**

**Attachment C-1**  
**Groundwater Analytical Report**



# 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

PELA  
LABS  
REPORT

## CLIENT INFORMATION

Client : MANATEE COUNTY - SWRTP  
5101 65th STREET WEST  
BRADENTON, FLORIDA 34206  
Attention : ATTN: JEFF GOODWIN

Report ID: 0302060585

## BILLING INFORMATION

Bill To: MANATEE COUNTY SWRTP  
ATTN: DARLENE  
PO BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : CW 5A GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 733	MICROMHOS
pH : 6.55	STANDARD UNITS
WATER TEMPERATURE : 20.78	DEGREES C
DISSOLVED OXYGEN : 0.90	mg/L
INITIAL WATER LEVEL : 2.65	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 1.14	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
2.65@ 0816  
COLOR: CLEAR  
SHEEN: NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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 - SWRTP  
Identification : CW 5A GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060585  
COLLECTION DATE : 2/18/03  
COLLECTION TIME : 9:26  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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## ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02422-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/3/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/3/03
STYRENE	ND	1.00	ug/l	SUB	3/3/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/3/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/3/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/3/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/3/03
ACETONE	ND	5.00	ug/l	SUB	3/3/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
XYLENES	ND	1.00	ug/l	SUB	3/3/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/3/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
TOLUENE	ND	1.00	ug/l	SUB	3/3/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/3/03



# REPORT OF ANALYSIS

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Client Name : MANATEE COUNTY - SWRTP  
Identification : CW 5A GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03  
COLLECTION TIME : 9:26  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BENZENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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 - SWRTP  
 IDENTIFICATION : CW 5A GWMW 1ST EVENT  
 SITE : LENA RD LANDFILL  
 TYPE : WATER

Report ID: 0302060585  
 COLLECTION DATE : 2/18/03  
 COLLECTION TIME : 9:26  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/18/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02423-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	17:52 3/3/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	17:52 3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# REPORT OF ANALYSIS

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## CLIENT INFORMATION

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5101 65th STREET WEST  
BRADENTON, FLORIDA 34206  
Attention : ATTN: JEFF GOODWIN

Report ID: 0302060585

## BILLING INFORMATION

Bill To: MANATEE COUNTY SWRTP  
ATTN: DARLENE  
PO BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : CW 4 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 1672	MICROMHOS
pH : 6.57	STANDARD UNITS
WATER TEMPERATURE : 19.15	DEGREES C
DISSOLVED OXYGEN : 0.79	mg/L
INITIAL WATER LEVEL : 2.48	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 1.66	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
2.48@ 0947  
COLOR: H. TAN  
SHEEN: NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH E83018



# 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 - SWRTP  
 Identification : CW 4 GWMW 1ST EVENT  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03  
 COLLECTION TIME : 10:46  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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### ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02424-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/3/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/3/03
STYRENE	ND	1.00	ug/l	SUB	3/3/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/3/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/3/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/3/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/3/03
ACETONE	ND	5.00	ug/l	SUB	3/3/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
XYLENES	ND	1.00	ug/l	SUB	3/3/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/3/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
TOLUENE	ND	1.00	ug/l	SUB	3/3/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/3/03

Page 7 of 20



# 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 - SW RTP  
Identification : CW 4 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03  
COLLECTION TIME : 10:46  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BENZENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 - SW RTP  
IDENTIFICATION : CW 4 GWMW 1ST EVENT  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060585  
COLLECTION DATE : 2/18/03  
COLLECTION TIME : 10:46  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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### ORGANICS

#### EDB & DBCP/ENVIRON WATER

KD02425-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	18:24	3/3/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	18:24	3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY - SWRTP  
5101 65th STREET WEST  
BRADENTON, FLORIDA 34206  
Attention : ATTN: JEFF GOODWIN

Report ID: 0302060585

## BILLING INFORMATION

Bill To: MANATEE COUNTY SWRTP  
ATTN: DARLENE  
PO BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : MW1 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 268	MICROMHOS
pH : 5.20	STANDARD UNITS
WATER TEMPERATURE : 20.73	DEGREES C
DISSOLVED OXYGEN : 0.94	mg/L
INITIAL WATER LEVEL : 7.95	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 11.2	NTU
FIELD COLOR :	
FACILITY GMS# :	

## COMMENTS

WATER LEVEL IN FT:  
7.95@ 11:02  
COLOR: H. YELLOW  
SHEEN: NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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 - SWRTP  
Identification : MW1 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03  
COLLECTION TIME : 11:55  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02426-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/3/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/3/03
STYRENE	ND	1.00	ug/l	SUB	3/3/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/3/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/3/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/3/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/3/03
ACETONE	ND	5.00	ug/l	SUB	3/3/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
XYLENES	ND	1.00	ug/l	SUB	3/3/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/3/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
TOLUENE	ND	1.00	ug/l	SUB	3/3/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/3/03



# 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: 0302060585  
 Client Name : MANATEE COUNTY - SW RTP  
 Identification : MW1 GWMW 1ST EVENT  
 Site : LENA RD LANDFILL  
 Type : WATER

COLLECTION DATE : 2/18/03  
 COLLECTION TIME : 11:55  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BENZENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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 - SW RTP  
IDENTIFICATION : MW1 GWMW 1ST EVENT  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060585  
COLLECTION DATE : 2/18/03  
COLLECTION TIME : 11:55  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	METHOD	DETECTION		RESULTS	UNITS	ANALYST	TIME/DATE
		LIMITS					STARTED

### ORGANICS

#### EDB & DBCP/ENVIRON WATER

KD02427-02X-5								
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	18:57	3/3/03	
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	18:57	3/3/03	

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY - SWRTP  
5101 65th STREET WEST  
BRADENTON, FLORIDA 34206  
Attention : ATTN: JEFF GOODWIN

Report ID: 0302060585

## BILLING INFORMATION

Bill To: MANATEE COUNTY SWRTP  
ATTN: DARLENE  
PO BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : MW3 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 722	MICROMHOS
pH : 5.98	STANDARD UNITS
WATER TEMPERATURE : 21.30	DEGREES C
DISSOLVED OXYGEN : 0.81	mg/L
INITIAL WATER LEVEL : 7.85	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 2.00	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
7.85@ 12:08  
COLOR: DEEP YELLOW  
SHEEN: NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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 - SW RTP  
Identification : MW3 GWMW 1ST EVENT  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03  
COLLECTION TIME : 13:07  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02428-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/3/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/3/03
STYRENE	ND	1.00	ug/l	SUB	3/3/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/3/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/3/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/3/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/3/03
ACETONE	ND	5.00	ug/l	SUB	3/3/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/3/03
XYLENES	ND	1.00	ug/l	SUB	3/3/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/3/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
TOLUENE	ND	1.00	ug/l	SUB	3/3/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/3/03



# 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 - SWRTP  
 Identification : MW3 GWMW 1ST EVENT  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060585

COLLECTION DATE : 2/18/03

COLLECTION TIME : 13:07

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLÓROMETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/3/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/3/03
BENZENE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/3/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/3/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/3/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 - SWRTP  
IDENTIFICATION : MW3 GWMW 1ST EVENT  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060585  
COLLECTION DATE : 2/18/03  
COLLECTION TIME : 13:07  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/18/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02429-02X-5

ETHYLENE DIBROMIDE EPA 504 0.01 ND ug/L JPT 19:29 3/3/03

DIBROMCHLORPROPANE EPA 504 0.01 ND ug/L JPT 19:29 3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SMR 1  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 165	MICROMHOS
pH : 5.64	STANDARD UNITS
WATER TEMPERATURE : 21.01	DEGREES C
DISSOLVED OXYGEN : 1.18	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 4.60	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
5.61 @ 8:01  
COLOR: LIGHT STRAW  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# 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: 0302060586

Client Name : MANATEE COUNTY-SWRTP  
Identification : SMR 1  
Site : LENA RD LANDFILL  
Type : WATER

COLLECTION DATE : 2/20/03  
COLLECTION TIME : 9:19  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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**ORGANICS**

**APPENDIX I VOLATILES (EPA 8260)**

KD02617-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
Identification : SMR 1  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03  
COLLECTION TIME : 9:19  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : SMR 1  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 9:19  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02618-02X-5						
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	22:41 3/3/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	22:41 3/3/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206  
  
Purchase Order No. :

Identification : SMR 2  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 685	MICROMHOS
pH : 7.51	STANDARD UNITS
WATER TEMPERATURE : 23.59	DEGREES C
DISSOLVED OXYGEN : 1.69	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 2.35	NTU
FIELD COLOR :	
FACILITY GMS# :	

## COMMENTS

WATER LEVEL IN FT:  
18.76 @ 8:02  
COLOR: CLEAR  
SHEEN: NONE  
UNIQUE ID#

01A APPIVOL  
Subcontract Lab: FLDOH No. E83018



# 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: 0302060586

Client Name : MANATEE COUNTY-SWRTP  
Identification : SMR 2  
Site : LENA RD LANDFILL  
Type : WATER

COLLECTION DATE : 2/20/03  
COLLECTION TIME : 8:53  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02619-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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: 0302060586

Client Name : MANATEE COUNTY-SWRTP  
Identification : SMR 2  
Site : LENA RD LANDFILL  
Type : WATER

COLLECTION DATE : 2/20/03  
COLLECTION TIME : 8:53  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : SMR 2  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 8:53  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02620-02X-5						
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	0:47 3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	0:47 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA 8  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 2711	MICROMHOS
pH : 11.80	STANDARD UNITS
WATER TEMPERATURE : 24.11	DEGREES C
DISSOLVED OXYGEN : 1.47	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 37.5	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
17.88 @ 9:40  
COLOR: CLEAR, SLIGHT HAZE  
SHEEN: NONE  
UNIQUE ID#

01A APPIVOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
Identification : SA 8  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 10:17  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02621-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
 Identification : SA 8  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060586  
 COLLECTION DATE : 2/20/03  
 COLLECTION TIME : 10:17  
 COLLECTED BY : CLIENT  
 DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND-NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : SA 8  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 10:17  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02622-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	1:21	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	1:21	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : LR11-4  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 552	MICROMHOS
pH : 6.01	STANDARD UNITS
WATER TEMPERATURE : 22.95	DEGREES C
DISSOLVED OXYGEN : 1.27	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 3.61	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
5.85 @ 9:39  
COLOR: LIGHT TAN  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : LR11-4  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03

COLLECTION TIME : 11:00

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02623-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
Identification : LRII-4  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 11:00  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : LR11-4  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 11:00  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02624-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	1:53	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	1:53	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-7  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 491 MICROMHOS  
pH : 8.26 STANDARD UNITS  
WATER TEMPERATURE : 24.52 DEGREES C  
DISSOLVED OXYGEN : 1.38 mg/L  
INITIAL WATER LEVEL :  
WELL ELEVATION :  
FIELD TURBIDITY : 2.84 NTU  
FIELD COLOR :  
FACILITY GMS # :

## COMMENTS

WATER LEVEL IN FT:  
16.47 @ 11:18  
COLOR: CLEAR  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
Identification : SA-7  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 12:06  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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## ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02625-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# REPORT OF ANALYSIS

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Geochemistry Laboratory

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

Client Name : MANATEE COUNTY-SWRTP  
Identification : SA-7  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 12:06  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# REPORT OF ANALYSIS

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4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

CLIENT NAME : MANATEE COUNTY-SWRTP  
IDENTIFICATION : SA-7  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03

COLLECTION TIME : 12:06

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02626-02X-5

ETHYLENE DIBROMIDE EPA 504 0.01 ND ug/L JPT 2:26 3/4/03

DIBROMCHLORPROPANE EPA 504 0.01 ND ug/L JPT 2:26 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



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PHONE 863/646-8526

FAX 863/646-1042

## CLIENT INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : LRII-3  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 333	MICROMHOS
pH	: 4.45	STANDARD UNITS
WATER TEMPERATURE	: 22.62	DEGREES C
DISSOLVED OXYGEN	: 1.48	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 1.11	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
6.13 @ 11:17  
COLOR: CLEAR  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# REPORT OF ANALYSIS

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Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

FAX 863/646-1042

Client Name : MANATEE COUNTY-SWRTP  
 Identification : LR11-3  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03

COLLECTION TIME : 12:30

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02627-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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:** 0302060586

Client Name : MANATEE COUNTY-SWRTP  
Identification : LRII-3  
Site : LENA RD LANDFILL  
Type : WATER

COLLECTION DATE : 2/20/03  
COLLECTION TIME : 12:30  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

**DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.**



# 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-SWRTP  
IDENTIFICATION : LR11-3  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 12:30  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02628-02X-5

ETHYLENE DIBROMIDE

EPA 504

0.01

ND

ug/L

JPT

2:59 3/4/03

DIBROMCHLORPROPANE

EPA 504

0.01

ND

ug/L

JPT

2:59 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-6  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 853	MICROMHOS
pH	: 7.21	STANDARD UNITS
WATER TEMPERATURE	: 24.38	DEGREES C
DISSOLVED OXYGEN	: 1.37	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 6.38	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
16.18 @ 12:50  
COLOR: HAZY  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
Identification : SA-6  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 13:26  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02629-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
Identification : SA-6  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 13:26  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : SA-6  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060586  
COLLECTION DATE : 2/20/03  
COLLECTION TIME : 13:26  
COLLECTED BY : CLIENT  
DATE RECEIVED IN LAB : 2/20/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02630-02X-5							
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	3:31	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	3:31	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060586

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : LR11-2  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 180	MICROMHOS
pH : 6.02	STANDARD UNITS
WATER TEMPERATURE : 21.84	DEGREES C
DISSOLVED OXYGEN : 1.34	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 5.94	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
5.55 @ 12:49  
COLOR: TAN  
SHEEN: NONE  
UNIQUE ID#

01A APP1VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : LR11-2  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03  
 COLLECTION TIME : 14:10  
 COLLECTED BY : CLIENT  
 DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02631-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
Identification : LR11-2  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060586

COLLECTION DATE : 2/20/03

COLLECTION TIME : 14:10

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060589

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206  
  
Purchase Order No. :

Identification : GC-6  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 272	MICROMHOS
pH : 5.60	STANDARD UNITS
WATER TEMPERATURE : 22.12	DEGREES C
DISSOLVED OXYGEN : 0.95	mg/L
INITIAL WATER LEVEL : 7.70	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 2.48	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

FIELD PARAMETER  
WATER LEVEL IN FT  
7.70@08:03  
COLOR: STRAW  
SHEEN: NONE

UNIQUE ID#  
01A APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
Identification : GC-6  
Site : LENA ROAD LANDFILL  
Type : WATER

Report ID: 0302060589  
COLLECTION DATE : 2/25/03  
COLLECTION TIME : 9:06  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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**ORGANICS**

**APPENDIX I VOLATILES (EPA 8260)**

KD02888-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
Identification : GC-6  
Site : LENA ROAD LANDFILL  
Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03

COLLECTION TIME : 9:06

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : GC-6  
SITE : LENA ROAD LANDFILL  
TYPE : WATER

Report ID: 0302060589  
COLLECTION DATE : 2/25/03  
COLLECTION TIME : 9:06  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/25/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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### ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02889-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	20:24	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	20:24	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060589

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206  
  
Purchase Order No. :

Identification : MW-5  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 342 MICROMHOS  
pH : 6.01 STANDARD UNITS  
WATER TEMPERATURE : 21.44 DEGREES C  
DISSOLVED OXYGEN : 1.52 mg/L  
INITIAL WATER LEVEL : 8.47 FEET BMP  
WELL ELEVATION :  
FIELD TURBIDITY : 2.41 NTU  
FIELD COLOR :  
FACILITY GMS # :

## COMMENTS

FIELD PARAMETER  
WATER LEVEL IN FT  
8.47@09:36  
COLOR: STRAW  
SHEEN: NONE

UNIQUE ID#  
01A APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : MW-5  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03  
 COLLECTION TIME : 10:34  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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### ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02890-02Y

✓1,2,3-TRICHLOROPROPANE	ND ✓	1.00 ✓	0.2 ug/l	SUB	3/10/03
✓CIS 1,2-DICHLOROETHENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓IODOMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓T-1,4-DICHLORO-2-BUTENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓STYRENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓1,1,1,2-TETRACHLOROETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓2-HEXANONE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓4-METHYL-2-PENTANONE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓DIBROMOMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓2-BUTANONE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓VINYL ACETATE	ND ✓	5.00 ✓	ug/l	SUB	3/10/03
✓CARBON DISULFIDE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓ACETONE	ND ✓	5.00 ✓	ug/l	SUB	3/10/03
✓BROMOCHLOROMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓1,1-DICHLOROETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓CHLOROMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓VINYL CHLORIDE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓BROMOMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓CHLOROETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓TRICHLOROFLUOROMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓1,1-DICHLOROETHENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓DICHLOROMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓CIS-1,3-DICHLOROPROPENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓1,4-DICHLOROBENZENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓1,1,1,2-TETRACHLOROETHANE	ND ✓	1.00 ✓	0.2 ug/l	SUB	3/10/03
✓TRIBROMOMETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓XYLENES	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓ETHYLBENZENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓CHLOROBENZENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓TETRACHLOROETHENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓DIBROMOCHLOROMETHANE	ND ✓	1.00 ✓	0.4 ug/l	SUB	3/10/03
✓1,1,2-TRICHLOROETHANE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓TRANS-1,2-DICHLOROETHENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓TOLUENE	ND ✓	1.00 ✓	ug/l	SUB	3/10/03
✓ACRYLONITRILE	ND ✓	5.00 ✓	1 ug/l	SUB	3/10/03



# 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-SWRTP  
 Identification : MW-5  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03

COLLECTION TIME : 10:34

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
✓BROMODICHLOROMETHANE	ND ✓	1.00 ✓	0.6 ug/l	SUB	3/10/03
✓TRICHLOROETHENE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓1,2-DICHLOROPROPANE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓CARBON TETRACHLORIDE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓BENZENE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓1,2-DICHLOROETHANE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓1,1,1-TRICHLOROETHANE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓TRICHLOROMETHANE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓1,2-DICHLOROBENZENE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03
✓TRANS-1,3-DICHLOROPROPENE	ND ✓	1.00 ✓	✓ ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : MW-5  
SITE : LENA ROAD LANDFILL  
TYPE : WATER

Report ID: 0302060589  
COLLECTION DATE : 2/25/03  
COLLECTION TIME : 10:34  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/25/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
<b>ORGANICS</b>							
<b>EDB &amp; DBCP/ENVIRON WATER</b>							
KD02891-02X-5							
✓ETHYLENE DIBROMIDE	EPA 504	0.01	✓ ND	ug/L	JPT	20:56	3/4/03
✓DIBROMCHLORPROPANE	EPA 504	0.01	✓ ND	ug/L	JPT	20:56	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

## Report ID: 0302060589 BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206  
  
Purchase Order No. :

Identification : MW-2  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 768	MICROMHOS
pH : 5.89	STANDARD UNITS
WATER TEMPERATURE : 21.98	DEGREES C
DISSOLVED OXYGEN : 0.94	mg/L
INITIAL WATER LEVEL : 8.78	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 1.35	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

FIELD PARAMETER  
WATER LEVEL IN FT  
8.78@10:48  
COLOR: YELLOW  
SHEEN: NONE

UNIQUE ID#  
01A APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : MW-2  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03  
 COLLECTION TIME : 11:19  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02892-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
 Identification : MW-2  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03  
 COLLECTION TIME : 11:19  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : MW-2  
SITE : LENA ROAD LANDFILL  
TYPE : WATER

Report ID: 0302060589  
COLLECTION DATE : 2/25/03  
COLLECTION TIME : 11:19  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/25/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02893-02X-5

ETHYLENE DIBROMIDE EPA 504 0.01 ND ug/L JPT 21:27 3/4/03

DIBROMCHLORPROPANE EPA 504 0.01 ND ug/L JPT 21:27 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060589

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : GC-4A  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 440	MICROMHOS
pH : 5.58	STANDARD UNITS
WATER TEMPERATURE : 21.75	DEGREES C
DISSOLVED OXYGEN : 0.90	mg/L
INITIAL WATER LEVEL : 6.89	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 26.7	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

FIELD PARAMETER  
WATER LEVEL IN FT  
6.89@11:40  
COLOR: DIRTY MUDDY  
SHEEN: NONE

UNIQUE ID#  
01A APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : GC-4A  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03  
 COLLECTION TIME : 12:41  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
RD02894-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
 Identification : GC-4A  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060589

COLLECTION DATE : 2/25/03  
 COLLECTION TIME : 12:41  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/25/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND-NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : GC-4A  
SITE : LENA ROAD LANDFILL  
TYPE : WATER

Report ID: 0302060589  
COLLECTION DATE : 2/25/03  
COLLECTION TIME : 12:41  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/25/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02895-02X-5							
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	21:59	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	21:59	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060588

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : MW-6 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE :	172	MICROMHOS
pH :	5.30	STANDARD UNITS
WATER TEMPERATURE :	21.23	DEGREES C
DISSOLVED OXYGEN :	1.08	mg/L
INITIAL WATER LEVEL :	5.00	FEET BMP
WELL ELEVATION :		
FIELD TURBIDITY :	3.58	NTU
FIELD COLOR :		
FACILITY GMS # :		

## COMMENTS

WATER LEVEL IN FEET  
5.00 @ 0838  
UNIQUE ID#  
01A APP 1 VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : MW-6 LENA ROAD LANDFILL  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060588  
 COLLECTION DATE : 2/24/03  
 COLLECTION TIME : 10:10  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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## ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02804-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
Identification : MW-6 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

Report ID: 0302060588  
COLLECTION DATE : 2/24/03  
COLLECTION TIME : 10:10  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION :    MW-6 LENA ROAD LANDFILL  
SITE                        :    LENA ROAD LANDFILL  
TYPE                        :    WATER

Report ID:            0302060588  
COLLECTION DATE :            2/24/03  
COLLECTION TIME :            10:10  
COLLECTED BY :                PELA  
DATE RECEIVED IN LAB :    2/24/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02805-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	17:44	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	17:44	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060588

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : LRII-5 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 285	MICROMHOS
pH : 5.61	STANDARD UNITS
WATER TEMPERATURE : 21.51	DEGREES C
DISSOLVED OXYGEN : 1.10	mg/L
INITIAL WATER LEVEL : 5.44	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 0.76	NTU
FIELD COLOR :	
FACILITY GMS# :	

## COMMENTS

WATER LEVEL IN FEET  
5.44 @ 1039  
UNIQUE ID#  
01A APP 1 VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
Identification : LRII-5 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

Report ID: 0302060588  
COLLECTION DATE : 2/24/03  
COLLECTION TIME : 12:15  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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## ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02806-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
Identification : LRII-5 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

Report ID: 0302060588

COLLECTION DATE : 2/24/03  
COLLECTION TIME : 12:15  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
 IDENTIFICATION : LR11-5 LENA ROAD LANDFILL  
 SITE : LENA ROAD LANDFILL  
 TYPE : WATER

Report ID: 0302060588  
 COLLECTION DATE : 2/24/03  
 COLLECTION TIME : 12:15  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/24/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02807-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	18:18	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	18:18	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060588

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP  
  
P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : GC-5 LENA ROAD LANDFILL  
Site : LENA ROAD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 538	MICROMHOS
pH : 6.34	STANDARD UNITS
WATER TEMPERATURE : 23.86	DEGREES C
DISSOLVED OXYGEN : 1.00	mg/L
INITIAL WATER LEVEL : 6.95	FEET BMP
WELL ELEVATION :	
FIELD TURBIDITY : 0.65	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FEET  
6.95 @ 1237  
UNIQUE ID#  
01A APP 1 VOL  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : GC-5 LENA ROAD LANDFILL  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060588

COLLECTION DATE : 2/24/03

COLLECTION TIME : 13:41

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
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### ORGANICS

### APPENDIX I VOLATILES (EPA 8260)

KD02808-02Y

1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/10/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/10/03
STYRENE	ND	1.00	ug/l	SUB	3/10/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/10/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/10/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/10/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/10/03
ACETONE	ND	5.00	ug/l	SUB	3/10/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/10/03
XYLENES	ND	1.00	ug/l	SUB	3/10/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/10/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
TOLUENE	ND	1.00	ug/l	SUB	3/10/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/10/03



# 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-SWRTP  
 Identification : GC-5 LENA ROAD LANDFILL  
 Site : LENA ROAD LANDFILL  
 Type : WATER

Report ID: 0302060588

COLLECTION DATE : 2/24/03

COLLECTION TIME : 13:41

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/10/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/10/03
BENZENE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/10/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/10/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/10/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/10/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
 IDENTIFICATION : GC-5 LENA ROAD LANDFILL  
 SITE : LENA ROAD LANDFILL  
 TYPE : WATER

Report ID: 0302060588  
 COLLECTION DATE : 2/24/03  
 COLLECTION TIME : 13:41  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/24/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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### ORGANICS

#### EDB & DBCP/ENVIRON WATER

KD02809-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	18:50 3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	18:50 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-5  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 682	MICROMHOS
pH : 7.38	STANDARD UNITS
WATER TEMPERATURE : 24.15	DEGREES C
DISSOLVED OXYGEN : 1.39	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 1.38	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
16.64 @ 10:06  
COLOR: CLEAR  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : SA-5  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 10:44  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02705-02Y	ND	1.00	ug/l	SUB	3/4/03
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	2.53	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	0.03	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	0.03	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	0.04	ug/l	SUB	3/4/03
O-XYLENE	ND	0.11	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	0.12	ug/l	SUB	3/4/03
M,P-XYLENES	ND	0.11	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03



# 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-SWRTP  
 Identification : SA-5  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 10:44  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : SA-5  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
COLLECTION TIME : 10:44  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	DETECTION METHOD	LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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### ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02706-02X-5'	EPA 504	0.01	ND	ug/L	JPT	10:41	3/4/03
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	10:41	3/4/03
DIBROMCHLORPROPANE							

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To : MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : LR11-1  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE :	506	MICROMHOS
pH :	6.27	STANDARD UNITS
WATER TEMPERATURE :	22.15	DEGREES C
DISSOLVED OXYGEN :	1.14	mg/L
INITIAL WATER LEVEL :		
WELL ELEVATION :		
FIELD TURBIDITY :	3.14	NTU
FIELD COLOR :		
FACILITY GMS # :		

## COMMENTS

WATER LEVEL IN FT:  
5.09 @ 10:05  
COLOR: ORANGE  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : LR11-1  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 11:35  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02707-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/4/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/4/03
STYRENE	ND	1.00	ug/l	SUB	3/4/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/4/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/4/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/4/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/4/03
ACETONE	ND	5.00	ug/l	SUB	3/4/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/4/03
XYLENES	ND	1.00	ug/l	SUB	3/4/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/4/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
TOLUENE	ND	1.00	ug/l	SUB	3/4/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/4/03



# 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-SWRTP  
 Identification : LR11-1  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 11:35  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/4/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/4/03
BENZENE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/4/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/4/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/4/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : LR11-1  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 11:35  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	DETECTION METHOD	LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02708-02X-5	EPA 504	0.01	ND	ug/L	JPT	11:13 3/4/03
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	11:13 3/4/03
DIBROMCHLORPROPANE						

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-2  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 581	MICROMHOS
pH	: 7.31	STANDARD UNITS
WATER TEMPERATURE	: 24.42	DEGREES C
DISSOLVED OXYGEN	: 1.40	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 2.56	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
16.48 @ 11:49  
COLOR: CLEAR  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : SA-2  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 12:39  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02709-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
 Identification : SA-2  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 12:39  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : GC-2  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 449	MICROMHOS
pH : 6.33	STANDARD UNITS
WATER TEMPERATURE : 22.91	DEGREES C
DISSOLVED OXYGEN : 1.55	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 2.04	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
6.07 @11:48  
COLOR: BROWN/TAN  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : GC-2  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587  
 COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 13:02  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02711-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
Identification : GC-2  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 13:02  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : GC-2  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 13:02  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02712-02X-5						
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	12:19 3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	12:19 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-3  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 570	MICROMHOS
pH	: 7.45	STANDARD UNITS
WATER TEMPERATURE	: 24.43	DEGREES C
DISSOLVED OXYGEN	: 1.40	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 3.57	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
16.02 @ 13:28  
COLOR: CLEAR  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : SA-3  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 14:06  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02713-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
 Identification : SA-3  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 14:06  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : SA-3  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 14:06  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02714-02X-5

ETHYLENE DIBROMIDE

EPA 504

0.01

ND

ug/L

JPT

12:51

3/4/03

DIBROMCHLORPROPANE

EPA 504

0.01

ND

ug/L

JPT

12:51

3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101.65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : GC-3  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 526	MICROMHOS
pH	: 6.45	STANDARD UNITS
WATER TEMPERATURE	: 23.41	DEGREES C
DISSOLVED OXYGEN	: 1.58	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 6.09	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
5.77 @ 13:27  
COLOR: LIGHT TAN  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : GC-3  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 14:42  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02715-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
 Identification : GC-3  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587  
 COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 14:42  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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4320 Old Highway 37, Lakeland, Florida 33813

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CLIENT NAME : MANATEE COUNTY-SWRTP  
IDENTIFICATION : GC-3  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 14:42  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED
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## ORGANICS

## EDB & DBCP/ENVIRON WATER

KD02716-02X-5						
ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	13:25 3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	13:25 3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : SA-4  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE : 711	MICROMHOS
pH : 7.42	STANDARD UNITS
WATER TEMPERATURE : 23.07	DEGREES C
DISSOLVED OXYGEN : 1.38	mg/L
INITIAL WATER LEVEL :	
WELL ELEVATION :	
FIELD TURBIDITY : 3.48	NTU
FIELD COLOR :	
FACILITY GMS # :	

## COMMENTS

WATER LEVEL IN FT:  
12.72 @ 8:33  
COLOR: CLEAR  
SHEEN:NONE  
UNIQUE ID#

02Y APP1V  
Subcontract Lab: FLDOH E83018



# 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-SWRTP  
 Identification : SA-4  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 9:19  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02717-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
 Identification : SA-4  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 9:19  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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-SWRTP  
IDENTIFICATION : SA-4  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 9:19  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	METHOD	DETECTION		RESULTS	UNITS	ANALYST	TIME/DATE	
		LIMITS					STARTED	

## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02718-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	13:58	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	13:58	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.



# 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 INFORMATION

Client : MANATEE COUNTY-SWRTP  
5101 65TH.STREET WEST  
BRADENTON FLORIDA 34210  
Attention : JEFF GOODWIN

Report ID: 0302060587

## BILLING INFORMATION

Bill To: MANATEE COUNTY-SWRTP

P.O. BOX 1000  
BRADENTON, FLORIDA 34206

Purchase Order No. :

Identification : GC-1A  
Site : LENA RD LANDFILL  
Type : WATER

## FIELD PARAMETERS

SPECIFIC CONDUCTANCE	: 423	MICROMHOS
pH	: 6.75	STANDARD UNITS
WATER TEMPERATURE	: 18.06	DEGREES C
DISSOLVED OXYGEN	: 1.54	mg/L
INITIAL WATER LEVEL	:	
WELL ELEVATION	:	
FIELD TURBIDITY	: 7.31	NTU
FIELD COLOR	:	
FACILITY GMS #	:	

## COMMENTS

WATER LEVEL IN FT:  
4.82 @ 8:32  
COLOR: ORANGE  
SHEEN:NONE  
UNIQUE ID#

01A APP1V  
Subcontract Lab: FLDOH No. E83018



# 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-SWRTP  
 Identification : GC-1A  
 Site : LENA RD LANDFILL  
 Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
 COLLECTION TIME : 9:35  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
<b>ORGANICS</b>					
<b>APPENDIX I VOLATILES (EPA 8260)</b>					
KD02719-02Y					
1,2,3-TRICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CIS 1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
IODOMETHANE	ND	1.00	ug/l	SUB	3/5/03
T-1,4-DICHLORO-2-BUTENE	ND	1.00	ug/l	SUB	3/5/03
STYRENE	ND	1.00	ug/l	SUB	3/5/03
1,1,1,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
2-HEXANONE	ND	1.00	ug/l	SUB	3/5/03
4-METHYL-2-PENTANONE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
2-BUTANONE	ND	1.00	ug/l	SUB	3/5/03
VINYL ACETATE	ND	5.00	ug/l	SUB	3/5/03
CARBON DISULFIDE	ND	1.00	ug/l	SUB	3/5/03
ACETONE	ND	5.00	ug/l	SUB	3/5/03
BROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
VINYL CHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
CHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROFLUOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
CIS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03
1,4-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
1,1,2,2-TETRACHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRIBROMOMETHANE	ND	1.00	ug/l	SUB	3/5/03
XYLENES	ND	1.00	ug/l	SUB	3/5/03
ETHYLBENZENE	ND	1.00	ug/l	SUB	3/5/03
CHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TETRACHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
DIBROMOCHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,2-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,2-DICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
TOLUENE	ND	1.00	ug/l	SUB	3/5/03
ACRYLONITRILE	ND	5.00	ug/l	SUB	3/5/03



# 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-SWRTP  
Identification : GC-1A  
Site : LENA RD LANDFILL  
Type : WATER

Report ID: 0302060587

COLLECTION DATE : 2/21/03  
COLLECTION TIME : 9:35  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	RESULTS	DETECTION LIMITS	UNITS	ANALYST	DATE FINISHED
BROMODICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROETHENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROPROPANE	ND	1.00	ug/l	SUB	3/5/03
CARBON TETRACHLORIDE	ND	1.00	ug/l	SUB	3/5/03
BENZENE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
1,1,1-TRICHLOROETHANE	ND	1.00	ug/l	SUB	3/5/03
TRICHLOROMETHANE	ND	1.00	ug/l	SUB	3/5/03
1,2-DICHLOROBENZENE	ND	1.00	ug/l	SUB	3/5/03
TRANS-1,3-DICHLOROPROPENE	ND	1.00	ug/l	SUB	3/5/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.





# 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-SWRTP  
IDENTIFICATION : GC-1A  
SITE : LENA RD LANDFILL  
TYPE : WATER

Report ID: 0302060587  
COLLECTION DATE : 2/21/03  
COLLECTION TIME : 9:35  
COLLECTED BY : PELA  
DATE RECEIVED IN LAB : 2/21/03

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE	STARTED
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## ORGANICS

### EDB & DBCP/ENVIRON WATER

KD02720-02X-5

ETHYLENE DIBROMIDE	EPA 504	0.01	ND	ug/L	JPT	14:30	3/4/03
DIBROMCHLORPROPANE	EPA 504	0.01	ND	ug/L	JPT	14:30	3/4/03

DETECTION LIMITS REPORTED ARE METHOD DETECTION LIMITS WHICH MAY VARY WITH MATRIX AND CONCENTRATION. ND- NONE DETECTED.

# 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



## CASE NARRATIVE

SENT TO: MANATEE COUNTY-SWRTP  
JEFF GOODWIN  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
941 792-8788

REPORT ID : 0302060587  
PROJECT NO. :  
PELA CONTACT :  
RECEIVED DATE : 2/21/03  
REPORTED DATE : 3/31/03



### LAB ID #

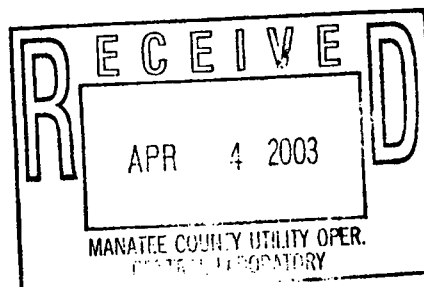
- KD02705-02Y
- KD02706-02X-5
- KD02707-02Y
- KD02708-02X-5
- KD02709-02Y
- KD02710-02X-5
- KD02711-02Y
- KD02712-02X-5
- KD02713-02Y
- KD02714-02X-5
- KD02715-02Y
- KD02716-02X-5
- KD02717-02Y
- KD02718-02X-5
- KD02719-02Y
- KD02720-02X-5
- KD02721-02Y
- KD02722-02X-5
- KD02723-02Y
- KD02724-02X-5
- KD02725-02Y

### REPORT SUMMARY

Sampling, handling, and holding time criteria were met for all samples.

Samples were collected by PELA according to DEP-SOP-001/01 revised January 1, 2002.

*Jeff Goodwin*  
Laboratory Supervisor



*Joseph M. Hayden*  
SENIOR CHEMIST

*Amal Mestry*  
LABORATORY DIRECTOR

### CERTIFICATE OF RESULTS

Sample integrity certified prior to analysis. Uncertainties in test results are available upon request. Test results meet all requirements of the NELAC Standards, except as noted in the Case Narrative. This report may not be reproduced in part, results relate only to items tested. This report includes a case narrative, report of analysis, attachments, and chain of custody.



# 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

## CASE NARRATIVE

SENT TO: MANATEE COUNTY-SWRTP  
JEFF GOODWIN  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
941 792-8788

REPORT ID : 0302060588  
PROJECT NO. :  
PELA CONTACT :  
RECEIVED DATE : 2/24/03  
REPORTED DATE : 3/31/03



### LAB ID #

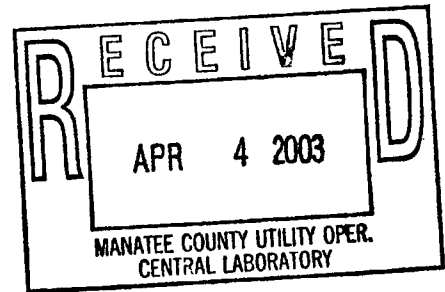
KD02804-02Y  
KD02805-02X-5  
KD02806-02Y  
KD02807-02X-5  
KD02808-02Y  
KD02809-02X-5  
KD02810-02Y  
KD02811-02X-5  
KD02812-02Y  
KD02813-02X-5

### REPORT SUMMARY

Sampling, handling, and holding time criteria were met for all samples.

Samples were collected by PELA according to DEP-SOP-001/01 revised January 1, 2002.

*Jeff Goodwin*  
Laboratory Supervisor



*Joseph M. Stergas*

SENIOR CHEMIST

*Amal Mehta*  
LABORATORY DIRECTOR

### CERTIFICATE OF RESULTS

Sample integrity certified prior to analysis. Uncertainties in test results are available upon request. Test results meet all requirements of the NELAC Standards, except as noted in the Case Narrative. This report may not be reproduced in part, results relate only to items tested. This report includes a case narrative, report of analysis, attachments, and chain of custody.

Narrative Page 1 of 1



# 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

## CASE NARRATIVE

SENT TO: MANATEE COUNTY-SWRTP  
JEFF GOODWIN  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
941 792-8788

REPORT ID : 0302060589  
PROJECT NO. :  
PELA CONTACT :  
RECEIVED DATE : 2/25/03  
REPORTED DATE : 3/31/03



### LAB ID #

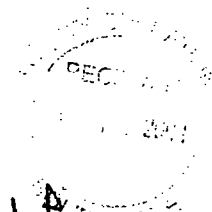
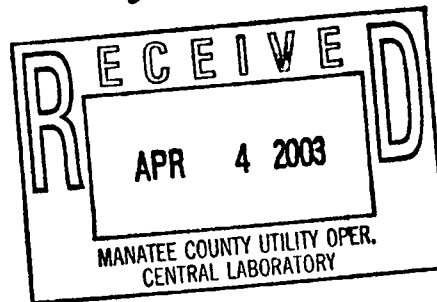
- KD02888-02Y
- KD02889-02X-5
- KD02890-02Y
- KD02891-02X-5
- KD02892-02Y
- KD02893-02X-5
- KD02894-02Y
- KD02895-02X-5
- KD02896-02Y
- KD02897-02X-5

### REPORT SUMMARY

Sampling, handling, and holding time criteria were met for all samples.

Samples were collected by PELA according to DEP-SOP-001/01 revised January 1, 2002.

*Jeff Goodwin*  
Laboratory Supervisor



*Joseph M. Stenzel*  
SENIOR CHEMIST

*Amel Mustafa*  
LABORATORY DIRECTOR

### CERTIFICATE OF RESULTS

Sample integrity certified prior to analysis. Uncertainties in test results are available upon request. Test results meet all requirements of the NELAC Standards, except as noted in the Case Narrative. This report may not be reproduced in part, results relate only to items tested. This report includes a case narrative, report of analysis, attachments, and chain of custody.

Narrative Page 1 of 1



# 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

## CASE NARRATIVE

SENT TO: MANATEE COUNTY-SWRTP  
JEFF GOODWIN  
5101 65TH STREET WEST  
BRADENTON FLORIDA 34210  
941 792-8788

REPORT ID : 0302060586  
PROJECT NO. :  
PELA CONTACT :  
RECEIVED DATE : 2/20/03  
REPORTED DATE : 3/31/03



### LAB ID #

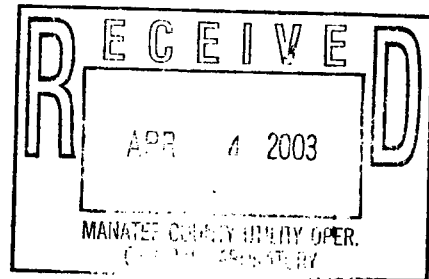
- KD02617-02Y
- KD02618-02X-5
- KD02619-02Y
- KD02620-02X-5
- KD02621-02Y
- KD02622-02X-5
- KD02623-02Y
- KD02624-02X-5
- KD02625-02Y
- KD02626-02X-5
- KD02627-02Y
- KD02628-02X-5
- KD02629-02Y
- KD02630-02X-5
- KD02631-02Y
- KD02632-02X-5

### REPORT SUMMARY

Sampling, handling, and holding time criteria were met for all samples.

Samples were collected by PELA according to DEP-SOP-001/01 revised January 1, 2002.

*Jeff Goodwin*  
Laboratory Supervisor



*Joseph M. Higgins*  
SENIOR CHEMIST

*Amal Mustafa*  
LABORATORY DIRECTOR

### CERTIFICATE OF RESULTS

Sample integrity certified prior to analysis. Uncertainties in test results are available upon request. Test results meet all requirements of the NELAC Standards, except as noted in the Case Narrative. This report may not be reproduced in part, results relate only to items tested. This report includes a case narrative, report of analysis, attachments, and chain of custody.



# 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

PB-11

## CASE NARRATIVE

SENT TO: MANATEE COUNTY - SWRTP  
ATTN: JEFF GOODWIN  
5101 65th STREET WEST  
BRADENTON, FLORIDA 34206  
941-792-8788

REPORT ID : 0302060585  
PROJECT NO. :  
PELA CONTACT :  
RECEIVED DATE : 2/18/03  
REPORTED DATE : 3/31/03



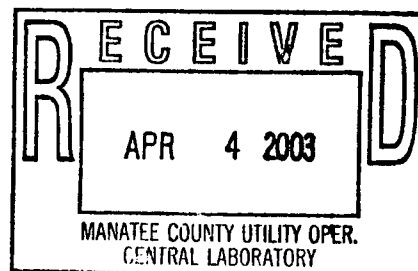
LAB ID #  
KD02422-02Y  
KD02423-02X-5  
KD02424-02Y  
KD02425-02X-5  
KD02426-02Y  
KD02427-02X-5  
KD02428-02Y  
KD02429-02X-5

### REPORT SUMMARY

Sampling, handling, and holding time criteria were met for all samples.

Samples were collected by PELA according to DEP-SOP-001/01 revised January 1, 2002.

*Jeff Goodwin*  
Laboratory Supervisor



*Joseph M. Steyer*

SENIOR CHEMIST

*Amal Mustafa*

LABORATORY DIRECTOR

### CERTIFICATE OF RESULTS

Sample integrity certified prior to analysis. Uncertainties in test results are available upon request. Test results meet all requirements of the NELAC Standards, except as noted in the Case Narrative. This report may not be reproduced in part, results relate only to items tested. This report includes a case narrative, report of analysis, attachments, and chain of custody.

Narrative Page 1 of 1



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

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FAX 863/646-1042

## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 9:19:00

WELL NAME : SA-4

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 9:19

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02717- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\*BAILER

	ORGANICS KD02717-02Y								
3	1,1,1-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34600	trans-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32	Tribromomethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 9:19:00

WELL NAME : SA-4

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 9:19

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02717-02Y</b>									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	2-Butanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





# 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 LANDFILL

WELL NAME : SA-4

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 9:19:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 9:19

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02718- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3	ORGANICS KD02718-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 13:58	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 13:58	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 9:35:00

WELL NAME : GC-1A

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 9:35

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02719- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\*BAILER

	ORGANICS KD02719-02Y								
3	1,1,1-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
34600	trans-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l
32	Tribromomethane	*	N	EPA 8260	3/5/03 8:00	ND	ug/l	1.00	ug/l



# 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 LANDFILL

WELL NAME : GC-1A

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 9:35:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 9:35

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02719-02Y</b>									
77500	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81500	2-Butanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 9:35:00

WELL NAME : GC-1A

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 9:35

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02720- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

38	ORGANICS KD02720-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 14:30	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 14:30	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : SA-3

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 2:06:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 14:06

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02713- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02713-02Y						
34516	1,1,1-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34496	1,1,2-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/5/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34600	trans-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34600	Tribromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 2:06:00

WELL NAME : SA-3

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 14:06

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02713-02Y</b>									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81	2-Butanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 2:06:00

WELL NAME : SA-3

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 14:06

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02714- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3.	ORGANICS KD02714-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 12:51	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 12:51	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 1:02:00

WELL NAME : GC-2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 13:02

FEET BMP :

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02711- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02711-02Y						
3	1,1,1-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/5/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
3'	trans-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
3.	Tribromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l





# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 1:02:00

WELL NAME : GC-2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 13:02

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02711-02Y</b>									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81573	2-Butanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : GC-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 1:02:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 13:02

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02712- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3	ORGANICS KD02712-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 12:19	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 12:19	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : SA-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 12:39:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 12:39

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02709- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02709-02Y						
3	1,1,1-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/5/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
34	trans-1,3-dichloropropene	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l
32	Tribromomethane	*	N	EPA 8260	3/5/03 8:00	ND ug/l	1.00 ug/l



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 12:39:00

WELL NAME : SA-2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 12:39

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02709-02Y</b>									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81555	2-Butanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/5/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 12:39:00

WELL NAME : SA-2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 12:39

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02710- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

	ORGANICS KD02710-02X-5						
31	DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 11:46	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 11:46	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 11:35:00

WELL NAME : LRII-1

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 11:35

FEET BMP :

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02707- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	-

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02707-02Y						
	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : LR11-1

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 11:35:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 11:35

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02707-02Y</b>									
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 11:35:00

WELL NAME : LR11-1

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 11:35

FEET BMP :

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02708- EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3	ORGANICS KD02708-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 11:13	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 11:13	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER





# 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 # :

Report ID: 0302060587

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/21/03 10:44:00

WELL NAME : SA-5

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/21/03

FEET BMP :

COLLECTION TIME : 10:44

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02705- APPENDIX I VOLATILES (	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\*BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02705-02Y						
34516	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	0.04 ug/l
34496	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	0.03 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	0.03 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	2.53 ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
81551	m,p-Xylenes	*	N	EPA 8260	3/4/03 8:00	ND ug/l	0.11 ug/l
77135	o-Xylene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	0.11 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34000	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : SA-5

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 10:44:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 10:44

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
34699	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32104	Tribromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	0.12	ug/l
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02705-02Y</b>									
77502	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\*BAILER



# 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 LANDFILL

WELL NAME : SA-5

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060587

SAMPLING DATE/TIME : 2/21/03 10:44:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/21/03

COLLECTION TIME : 10:44

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/21/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02706-EDB & DBCP/EW	*	N		3/28/03 8:52	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

3	ORGANICS KD02706-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 10:41	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 10:41	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 1:41:00

WELL NAME : GC-5 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD):

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 13:41

FEET BMP : 6.95

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02808- APPENDIX I VOLATILES (	*	N		3/28/03 8:48	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02808-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34446	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l



# REPORT OF ANALYSIS

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Geochemistry Laboratory

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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 1:41:00

WELL NAME : GC-5 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 13:41

FEET BMP : 6.95

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02808-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
71100	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 1:41:00

WELL NAME : GC-5 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 13:41

FEET BMP : 6.95

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
	ORGANICS KD02809- EDB & DBCP/EW	*	N		3/28/03	8:48	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

38437	ORGANICS KD02809-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03	18:50	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03	18:50	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA ROAD LANDFILL

WELL NAME : LRII-5 LENA ROAD LANDFILL

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 5.44

Report ID: 0302060588

SAMPLING DATE/TIME : 2/24/03 12:15:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 12:15

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02806- APPENDIX I VOLATILES (	*	N		3/28/03 8:48	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02806-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA ROAD LANDFILL

WELL NAME : LR11-5 LENA ROAD LANDFILL

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 5.44

Report ID: 0302060588

SAMPLING DATE/TIME : 2/24/03 12:15:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 12:15

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02806-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
71443	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\*BAILER





# REPORT OF ANALYSIS

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 12:15:00

WELL NAME : LRII-5 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 12:15

FEET BMP : 5.44

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS		
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS	
	ORGANICS KD02807- EDB & DBCP/EW	*	N		3/28/03	8:48	COMPLETED				

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02807-02X-5										
38437	DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03	18:18	ND	ug/L	0.01	ug/L	
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03	18:18	ND	ug/L	0.01	ug/L	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 10:10:00

WELL NAME : MW-6 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 10:10

FEET BMP : 5.00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02804- APPENDIX I VOLATILES (	*	N		3/28/03 8:48	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02804-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l



# 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 ROAD LANDFILL

WELL NAME : MW-6 LENA ROAD LANDFILL

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 5.00

Report ID: 0302060588

SAMPLING DATE/TIME : 2/24/03 10:10:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 10:10

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02804-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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4320 Old Highway 37, Lakeland, Florida 33813

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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060588

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/24/03 10:10:00

WELL NAME : MW-6 LENA ROAD LANDFILL

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

- OR (MSL) :

COLLECTION DATE : 2/24/03

COLLECTION TIME : 10:10

FEET BMP : 5.00

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/24/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02805- EDB & DBCP/EW	*	N		3/28/03 8:48	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

38437	ORGANICS KD02805-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 17:44	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 17:44	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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4320 Old Highway 37, Lakeland, Florida 33813

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA ROAD LANDFILL

WELL NAME : GC-4A

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 6.89

Report ID: 0302060589

SAMPLING DATE/TIME : 2/25/03 12:41:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 12:41

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02894- APPENDIX 1 VOLATILES (	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02894-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34444	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 12:41:00

WELL NAME : GC-4A

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 12:41

FEET BMP : 6.89

COLLECTED BY : PELLA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02894-02Y</b>									
7	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
774	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 ROAD LANDFILL

WELL NAME : GC-4A

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 6.89

Report ID: 0302060589

SAMPLING DATE/TIME : 2/25/03 12:41:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 12:41

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02895- EDB & DBCP/EW	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

38437	ORGANICS KD02895-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 21:59	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 21:59	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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4320 Old Highway 37, Lakeland, Florida 33813

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 9:06:00

WELL NAME : GC-6

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 9:06

FEET BMP : 7.70

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02888- APPENDIX I VOLATILES (	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02888-02Y						
34.	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
3	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
3.	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l





# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 9:06:00

WELL NAME : GC-6

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 9:06

FEET BMP : 7.70

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02888-02Y</b>									
77	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 9:06:00

WELL NAME : GC-6

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 9:06

FEET BMP : 7.70

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02889- EDB & DBCP/EW	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

38431	ORGANICS KD02889-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 20:24	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 20:24	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 10:34:00

WELL NAME : MW-5

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 10:34

FEET BMP : 8.47

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02890- APPENDIX I VOLATILES (	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02890-02Y						
34...	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	5.00 ✓ ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
3	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l
3	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ✓ ug/l	1.00 ✓ ug/l



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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 10:34:00

WELL NAME : MW-5

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 10:34

FEET BMP : 8.47

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
	<b>KD02890-02Y</b>									
7	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	5.00 ✓	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	1.00 ✓	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND ✓	ug/l	5.00 ✓	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 ROAD LANDFILL

WELL NAME : MW-5

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 8.47

Report ID: 0302060589

SAMPLING DATE/TIME : 2/25/03 10:34:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 10:34

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02891- EDB & DBCP/EW	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

3877	ORGANICS KD02891-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 20:56	ND - ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 20:56	ND - ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060589

TEST SITE ID # : LENA ROAD LANDFILL

SAMPLING DATE/TIME : 2/25/03 11:19:00

WELL NAME : MW-2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 11:19

FEET BMP : 8.78

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02892- APPENDIX I VOLATILES (	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02892-02Y						
34500	1,1,1-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/10/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
3	trans-1,3-dichloropropene	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l
32...	Tribromomethane	*	N	EPA 8260	3/10/03 8:00	ND ug/l	1.00 ug/l



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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4320 Old Highway 37, Lakeland, Florida 33813

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA ROAD LANDFILL

WELL NAME : MW-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 8.78

Report ID: 0302060589

SAMPLING DATE/TIME : 2/25/03 11:19:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 11:19

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02892-02Y</b>									
7	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/10/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA ROAD LANDFILL

WELL NAME : MW-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 8.78

Report ID: 0302060589

SAMPLING DATE/TIME : 2/25/03 11:19:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/25/03

COLLECTION TIME : 11:19

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/25/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02893- EDB & DBCP/EW	*	N		3/28/03 8:45	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02893-02X-5	*	N	EPA 504	3/4/03 21:27	ND ug/L	0.01 ug/L
3645 / 46369	DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 21:27	ND ug/L	0.01 ug/L
	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 21:27	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA RD LANDFILL

WELL NAME : LRII-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 2:10:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 14:10

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02631- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02631-02Y						
3	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : LRII-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD):

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 2:10:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 14:10

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02631-02Y</b>									
77555	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 863/646-8526

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA RD LANDFILL

WELL NAME : LR11-2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD):

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 2:10:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 14:10

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02632- EDB & DBCP/EW	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3.	ORGANICS KD02632-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 4:05	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 4:05	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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4320 Old Highway 37, Lakeland, Florida 33813

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FAX 863/646-1042

## PART III ANALYTICAL RESULTS

FACILITY GMS # :

TEST SITE ID # : LENA RD LANDFILL

WELL NAME : SA-6

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 1:26:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 13:26

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02629- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02629-02Y								
34.	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
3	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
3.	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l



# 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 LANDFILL

WELL NAME : SA-6

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 1:26:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 13:26

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02629-02Y</b>									
77777	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 1:26:00

WELL NAME : SA-6

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 13:26

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02630- EDB & DBCP/EW	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
38	ORGANICS KD02630-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 3:31	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 3:31	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 12:30:00

WELL NAME : LRII-3

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 12:30

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02627- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02627-02Y								
34.	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l



# REPORT OF ANALYSIS

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## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 12:30:00

WELL NAME : LRII-3

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

FEET BMP :

COLLECTION TIME : 12:30

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02627-02Y</b>									
77555	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 12:30:00

WELL NAME : LRII-3

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

FEET BMP :

COLLECTION TIME : 12:30

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02628- EDB & DBCP/EW	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

3L	ORGANICS KD02628-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 2:59	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 2:59	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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FAX 863/646-1042



## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 12:06:00

WELL NAME : SA-7

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 12:06

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02625- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\*BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02625-02Y						
34516	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34496	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



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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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 12:06:00

WELL NAME : SA-7

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

FEET BMP :

COLLECTION TIME : 12:06

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02625-02Y</b>									
7756^	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
8159>	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : SA-7

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 12:06:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 12:06

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03



STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
	ORGANICS KD02626-EDB & DBCP/EW	*	N		3/28/03	16:54	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02626-02X-5									
	DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03	2:26	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03	2:26	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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## PART III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 11:00:00

WELL NAME : LR11-4

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 11:00

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02623- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02623-02Y						
34500	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34547	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34548	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 11:00:00

WELL NAME : LR11-4

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

FEET BMP :

COLLECTION TIME : 11:00

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02623-02Y</b>									
77555	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

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FAX 863/646-1042

## PART III ANALYTICAL RESULTS



FACILITY GMS # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 11:00:00

WELL NAME : LR11-4

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 11:00

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02624- EDB & DBCP/EW	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

38...	ORGANICS KD02624-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03 1:53	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03 1:53	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# REPORT OF ANALYSIS

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

## PAR: III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 10:17:00

WELL NAME : SA 8

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

FEET BMP :

COLLECTION TIME : 10:17

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02621- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

	ORGANICS KD02621-02Y								
34.	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l
34	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND	ug/l	1.00	ug/l





# 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 LANDFILL

WELL NAME : SA 8

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 10:17:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 10:17

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02621-02Y</b>									
77569	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81555	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : SA 8

CLASSIFICATION OF GROUNDWATER : G.II

GROUND WATER ELEVATION (NGVD) :  
OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 10:17:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 10:17

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
	ORGANICS KD02622- EDB & DBCP/EW	*	N		3/28/03	16:54	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

36	ORGANICS KD02622-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03	1:21	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03	1:21	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : SMR 2

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 8:53:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 8:53

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
	ORGANICS KD02619- APPENDIX I VOLATILES (	*	N		3/28/03	16:54	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE	ANALYSIS TIME	ANALYSIS RESULTS	UNITS	DETECTION LIMITS	UNITS
	ORGANICS KD02619-02Y									
34500	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
34030	Benzene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34010	Toluene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	Tribromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 8:53:00

WELL NAME : SMR 2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 8:53

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02619-02Y</b>									
7	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
7	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 8:53:00

WELL NAME : SMR 2

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 8:53

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
	ORGANICS KD02620-EDB & DBCP/EW	*	N		3/28/03	16:54	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
3.	ORGANICS KD02620-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/4/03	0:47	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/4/03	0:47	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 9:19:00

WELL NAME : SMR 1

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 9:19

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02617- APPENDIX I VOLATILES (	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02617-02Y						
34516	1,1,1-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/4/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l
34516	Tribromomethane	*	N	EPA 8260	3/4/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : SMR 1

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP :

Report ID: 0302060586

SAMPLING DATE/TIME : 2/20/03 9:19:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 9:19

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02617-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/4/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060586

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/20/03 9:19:00

WELL NAME : SMR 1

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/20/03

COLLECTION TIME : 9:19

FEET BMP :

COLLECTED BY : CLIENT

DATE RECEIVED IN LAB : 2/20/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02618- EDB & DBCP/EW	*	N		3/28/03 16:54	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
384	ORGANICS KD02618-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/3/03 22:41	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/3/03 22:41	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





# 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 # :

Report ID: 0302060585

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/18/03 11:55:00

WELL NAME : MW1 GWMW 1ST EVENT

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 11:55

FEET BMP : 7.95

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02426- APPENDIX I VOLATILES (	*	N		3/28/03 16:47	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02426-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/3/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
?	trans-1,2-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34	trans-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL  
 WELL NAME : MW1 GWMW 1ST EVENT  
 CLASSIFICATION OF GROUNDWATER : G II  
 GROUND WATER ELEVATION (NGVD) :  
 OR (MSL) :  
 FEET BMP : 7.95

Report ID: 0302060585  
 SAMPLING DATE/TIME : 2/18/03 11:55:00  
 REPORT PERIOD (YR/QTR) :  
 WELL PURGED (Y/N) : Y  
 WELL TYPE :  
 COLLECTION DATE : 2/18/03  
 COLLECTION TIME : 11:55  
 COLLECTED BY : PELA  
 DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02426-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
	1,2,3-Trichloropropane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l
81552	Acetone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 # :

Report ID: 0302060585

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/18/03 11:55:00

WELL NAME : MW1 GWMW 1ST EVENT

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/18/03

FEET BMP : 7.95

COLLECTION TIME : 11:55

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02427- EDB & DBCP/EW	*	N		3/28/03 16:47	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02427-02X-5	*	N	EPA 504	3/3/03 18:57	ND ug/L	0.01 ug/L
36151	DIBROMCHLORPROPANE	*	N	EPA 504	3/3/03 18:57	ND ug/L	0.01 ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/3/03 18:57	ND ug/L	0.01 ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : CW 4 GWMW 1ST EVENT

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 2.48

Report ID: 0302060585

SAMPLING DATE/TIME : 2/18/03 10:46:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 10:46

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02424- APPENDIX I VOLATILES (	*	N		3/28/03 16:47	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02424-02Y						
34500	1,1,1-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/3/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34504	Tribromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l



# 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

## III ANALYTICAL RESULTS

FACILITY GMS # :

Report ID: 0302060585

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/18/03 10:46:00

WELL NAME : CW 4 GWMW 1ST EVENT

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 10:46

FEET BMP : 2.48

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS		DETECTION		
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS	
39180	Trichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
34488	Trichlorofluoromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
32106	Trichloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
39175	Vinyl Chloride	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
81551	Xylenes	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
	KD02424-02Y										
77562	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
	1,2,3-Trichloropropane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
81555	2-Butanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
77103	2-Hexanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
81552	Acetone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l	
73085	Bromochloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
81309	Carbon Disulfide	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
34536	Dibromomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
77424	Iodomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
77128	Styrene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l	
77057	Vinyl Acetate	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





# 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 # :

Report ID: 0302060585

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/18/03 1:07:00

WELL NAME : MW3 GWMW 1ST EVENT

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 13:07

FEET BMP : 7.85

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02428- APPENDIX I VOLATILES (	*	N		3/28/03 16:47	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02428-02Y						
34506	1,1,1-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/3/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
	trans-1,2-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32104	Tribromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : MW3 GWMW 1ST EVENT

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 7.85

Report ID: 0302060585

SAMPLING DATE/TIME : 2/18/03 1:07:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 13:07

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME	RESULTS	UNITS	LIMITS	UNITS
39180	Trichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02428-02Y</b>									
	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77443	1,2,3-Trichloropropane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER





# 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 # :

Report ID: 0302060585

TEST SITE ID # : LENA RD LANDFILL

SAMPLING DATE/TIME : 2/18/03 1:07:00

WELL NAME : MW3 GWMW 1ST EVENT

REPORT PERIOD (YR/QTR) :

CLASSIFICATION OF GROUNDWATER : G II

WELL PURGED (Y/N) : Y

GROUND WATER ELEVATION (NGVD) :

WELL TYPE :

OR (MSL) :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 13:07

FEET BMP : 7.85

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
	ORGANICS KD02429- EDB & DBCP/EW	*	N		3/28/03 16:47	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

	ORGANICS KD02429-02X-5	*	N	EPA 504	3/3/03 19:29	ND	ug/L	0.01	ug/L
38437	DIBROMCHLORPROPANE	*	N	EPA 504	3/3/03 19:29	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/3/03 19:29	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER



# 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 LANDFILL

WELL NAME : CW 5A GWMW 1ST EVENT

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :

OR (MSL) :

FEET BMP : 2.65

Report ID: 0302060585

SAMPLING DATE/TIME : 2/18/03 9:26:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 9:26

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02422- APPENDIX I VOLATILES (	*	N		3/28/03 16:47	COMPLETED	

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS	DETECTION LIMITS UNITS
	ORGANICS KD02422-02Y						
34500	1,1,1-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34516	1,1,2,2-tetrachloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34511	1,1,2-trichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34496	1,1-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34501	1,1-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34536	1,2-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34531	1,2-dichloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34541	1,2-dichloropropane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34571	1,4-dichlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34215	Acrylonitrile	*	N	EPA 8260	3/3/03 8:00	ND ug/l	5.00 ug/l
34030	Benzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32101	Bromodichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34413	Bromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32102	Carbon tetrachloride	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34301	Chlorobenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34311	Chloroethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34418	Chloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34704	cis-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
32105	Dibromochloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34423	Dichloromethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34371	Ethylbenzene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34475	Tetrachloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34010	Toluene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
34546	trans-1,2-dichloroethene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
	trans-1,3-dichloropropene	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l
	Tribromomethane	*	N	EPA 8260	3/3/03 8:00	ND ug/l	1.00 ug/l



# 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 LANDFILL

WELL NAME : CW 5A GWMW 1ST EVENT

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :  
OR (MSL) :

FEET BMP : 2.65

Report ID: 0302060585

SAMPLING DATE/TIME : 2/18/03 9:26:00

REPORT PERIOD (YR/QTR) :

WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 9:26

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS		ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
					DATE	TIME				
39180	Trichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34488	Trichlorofluoromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
32106	Trichloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
39175	Vinyl Chloride	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81551	Xylenes	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
	<b>KD02422-02Y</b>									
7	1,1,1,2-tetrachloroethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
7.	1,2,3-Trichloropropane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81595	2-Butanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77103	2-Hexanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
78133	4-Methyl-2-pentanone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81552	Acetone	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l
73085	Bromochloromethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
81309	Carbon Disulfide	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77093	cis 1,2-Dichloroethene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
34536	Dibromomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77424	Iodomethane	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77128	Styrene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
49263	t-1,4-Dichloro-2-butene	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	1.00	ug/l
77057	Vinyl Acetate	*	N	EPA 8260	3/3/03	8:00	ND	ug/l	5.00	ug/l

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\*BAILER



# 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 LANDFILL

WELL NAME : CW 5A GWMW 1ST EVENT

CLASSIFICATION OF GROUNDWATER : G II

GROUND WATER ELEVATION (NGVD) :  
OR (MSL) :

FEET BMP : 2.65

Report ID: 0302060585

SAMPLING DATE/TIME : 2/18/03 9:26:00

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WELL PURGED (Y/N) : Y

WELL TYPE :

COLLECTION DATE : 2/18/03

COLLECTION TIME : 9:26

COLLECTED BY : PELA

DATE RECEIVED IN LAB : 2/18/03

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
	ORGANICS KD02423- EDB & DBCP/EW	*	N		3/28/03 16:47	COMPLETED			

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	FIELD FILTERED Y/N	ANALYSIS METHOD	ANALYSIS DATE TIME	ANALYSIS RESULTS UNITS		DETECTION LIMITS UNITS	
38457	ORGANICS KD02423-02X-5 DIBROMCHLORPROPANE	*	N	EPA 504	3/3/03 17:52	ND	ug/L	0.01	ug/L
46369	ETHYLENE DIBROMIDE	*	N	EPA 504	3/3/03 17:52	ND	ug/L	0.01	ug/L

\*SUBMERSIBLE OR PERISTALTIC PUMP

\*\* BAILER

**REPORT OF ANALYSIS**

**MANATEE COUNTY UTILITY OPERATIONS  
CENTRAL WASTEWATER LABORATORY**

**5101 65TH STREET WEST**

**BRADENTON, FL 34210**

**Phone: (941) 792-8811 ext. 5285**

**Fax: (941) 795-3477**

**FDOH LAB ID: E54560**

**USEPA LAB CODE: FL00031**

**Laboratory Contact: Jeff Goodwin**

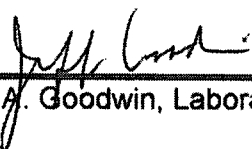
**PREPARED FOR: Mr. Gus Difonzo  
MCUOD Solid Waste Division  
4410 66th Street West  
Bradenton, FL 34210**

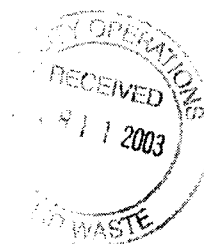
**SAMPLE RECEIPT DATES: February 18th,  
20th, 21st, 24th, and 25th, 2003  
REPORT DATE: April 7, 2003**

**PROJECT NAME: Lena Road Landfill  
Semiannual Groundwater Monitoring**

**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 the 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



Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Antimony	EPA 204.2	0.002 U mg/L	02/21/03 10:50	0.002 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 10:40	0.007 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Barium	EPA 200.7	0.025 mg/L	02/26/03 10:40	0.0002 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 10:40	0.0002 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 10:40	0.0005 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Chromium	EPA 200.7	0.002 mg/L	02/26/03 10:40	0.0005 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 10:40	0.002 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Copper	EPA 200.7	0.005 U mg/L	02/26/03 10:40	0.005 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Iron	EPA 200.7	4.53 mg/L	02/26/03 10:40	0.010 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Lead	EPA 200.7	0.005 U mg/L	02/26/03 10:40	0.005 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Nickel	EPA 200.7	0.003 mg/L	02/26/03 10:40	0.001 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 10:40	0.010 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Silver	EPA 200.7	0.002 U mg/L	02/26/03 10:40	0.002 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Sodium	EPA 200.7	48.9 mg/L	02/26/03 10:40	0.500 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Thallium	EPA 279.2	0.0004 U mg/L	02/25/03 15:42	0.0004 mg/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Vanadium	EPA 200.7	0.013 mg/L	02/26/03 10:40	0.0005 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 10:40	0.010 mg/L	WC	\$3.70
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:46	0.100 ug/L	WC	\$6.15
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Ammonia - N	EPA 350.1	0.282 mg/L	02/19/03 13:59	0.009 mg/L	EMM	\$4.90
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Chloride	EPA 300.0	110 mg/L	02/19/03 6:27	0.020 mg/L	WC	\$4.90
CW-5A	CW-5A	Lena Road	02/18/03 9:26	Nitrate	EPA 300.0	0.033 mg/L	02/19/03 17:44	0.006 mg/L	WC	\$4.90
CW-5A	CW-5A	Lena Road	02/18/03 9:26	TDS	SM 2540C	407 mg/L	02/19/03 14:25	4.50 mg/L	EMM	\$4.90
Total Cost Lena Road Groundwater CW 5A										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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CW - 4	CW - 4	Lena Road	02/18/03 10:46	Antimony	EPA 204.2	0.004 mg/L	02/21/03 10:43	0.002 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Arsenic	EPA 200.7	0.023 mg/L	02/26/03 10:02	0.007 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Barium	EPA 200.7	0.201 mg/L	02/26/03 10:02	0.0002 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 10:02	0.0002 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 10:02	0.0005 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Chromium	EPA 200.7	0.0005 U mg/L	02/26/03 10:02	0.0005 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 10:02	0.002 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Copper	EPA 200.7	0.005 U mg/L	02/26/03 10:02	0.005 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Iron	EPA 200.7	7.89 mg/L	02/26/03 10:02	0.010 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Lead	EPA 200.7	0.005 U mg/L	02/26/03 10:02	0.005 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Nickel	EPA 200.7	0.008 mg/L	02/26/03 10:02	0.001 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 10:02	0.010 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Silver	EPA 200.7	0.002 U mg/L	02/26/03 10:02	0.002 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Sodium	EPA 200.7	73.2 mg/L	02/26/03 10:02	0.500 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Thallium	EPA 279.2	0.0004 U mg/L	02/25/03 15:33	0.0004 mg/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Vanadium	EPA 200.7	0.002 mg/L	02/26/03 10:02	0.0005 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 10:02	0.010 mg/L	WC	\$3.70
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:45	0.100 ug/L	WC	\$6.15
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Ammonia - N	EPA 350.1	0.189 mg/L	02/19/03 13:58	0.009 mg/L	EMM	\$4.90
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Chloride	EPA 300.0	203 mg/L	02/19/03 5:57	0.020 mg/L	WC	\$4.90
CW - 4	CW - 4	Lena Road	02/18/03 10:46	Nitrate	EPA 300.0	0.006 U mg/L	02/19/03 16:43	0.006 mg/L	WC	\$4.90
CW - 4	CW - 4	Lena Road	02/18/03 10:46	TDS	SM 2540C	1150 mg/L	02/19/03 14:25	4.50 mg/L	EMM	\$4.90

Total Cost Lena Road Groundwater CW-4 **\$103.35**

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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MW - 1	MW - 1	Lena Road	02/18/03 11:55	Antimony	EPA 204.2	0.002 U mg/L	02/21/03 10:12	0.002 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 9:49	0.007 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Barium	EPA 200.7	0.031 mg/L	02/26/03 9:49	0.0002 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 9:49	0.0002 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 9:49	0.0005 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Chromium	EPA 200.7	0.004 mg/L	02/26/03 9:49	0.0005 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 9:49	0.002 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Copper	EPA 200.7	0.005 U mg/L	02/26/03 9:49	0.005 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Iron	EPA 200.7	3.77 mg/L	02/26/03 9:49	0.010 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Lead	EPA 200.7	0.005 U mg/L	02/26/03 9:49	0.005 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Nickel	EPA 200.7	0.002 mg/L	02/26/03 9:49	0.001 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 9:49	0.010 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Silver	EPA 200.7	0.002 U mg/L	02/26/03 9:49	0.002 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Sodium	EPA 200.7	18.9 mg/L	02/26/03 9:49	0.500 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Thallium	EPA 279.2	0.0004 U mg/L	02/25/03 15:01	0.0004 mg/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Vanadium	EPA 200.7	0.014 mg/L	02/26/03 9:49	0.0005 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 9:49	0.010 mg/L	WC	\$3.70
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:31	0.100 ug/L	WC	\$6.15
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Ammonia - N	EPA 350.1	1.77 mg/L	02/19/03 13:50	0.009 mg/L	EMM	\$4.90
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Chloride	EPA 300.0	45.5 mg/L	02/19/03 2:53	0.020 mg/L	WC	\$4.90
MW - 1	MW - 1	Lena Road	02/18/03 11:55	Nitrate	EPA 300.0	0.025 mg/L	02/19/03 12:41	0.006 mg/L	WC	\$4.90
MW - 1	MW - 1	Lena Road	02/18/03 11:55	TDS	SM 2540C	202 mg/L	02/19/03 14:25	4.50 mg/L	EMM	\$4.90

Total Cost Lena Road Groundwater MW-1 **\$103.35**



Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Antimony	EPA 204.2	0.002 U mg/L	02/21/03 10:35	0.002 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 9:55	0.007 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Barium	EPA 200.7	0.012 mg/L	02/26/03 9:55	0.0002 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 9:55	0.0002 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 9:55	0.0005 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Chromium	EPA 200.7	0.002 mg/L	02/26/03 9:55	0.0005 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 9:55	0.002 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Copper	EPA 200.7	0.005 U mg/L	02/26/03 9:55	0.005 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Iron	EPA 200.7	0.361 mg/L	02/26/03 9:55	0.010 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Lead	EPA 200.7	0.005 U mg/L	02/26/03 9:55	0.005 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Nickel	EPA 200.7	0.004 mg/L	02/26/03 9:55	0.001 mg/L	WC	\$3.70
MW - 3	MW - 5	Lena Road	02/18/03 13:07	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 9:55	0.010 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Silver	EPA 200.7	0.002 U mg/L	02/26/03 9:55	0.002 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Sodium	EPA 200.7	61.8 mg/L	02/26/03 9:55	0.500 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Thallium	EPA 279.2	0.0004 U mg/L	02/25/03 15:25	0.0004 mg/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Vanadium	EPA 200.7	0.005 mg/L	02/26/03 9:55	0.0005 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 9:55	0.010 mg/L	WC	\$3.70
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:41	0.100 ug/L	WC	\$6.15
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Ammonia - N	EPA 350.1	1.18 mg/L	02/19/03 13:53	0.009 mg/L	EMM	\$4.90
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Chloride	EPA 300.0	90.5 mg/L	02/26/03 8:23	0.020 mg/L	EMM	\$4.90
MW - 3	MW - 3	Lena Road	02/18/03 13:07	Nitrate	EPA 300.0	0.006 U mg/L	02/19/03 15:43	0.006 mg/L	WC	\$4.90
MW - 3	MW - 3	Lena Road	02/18/03 13:07	TDS	SM 2540C	530 mg/L	02/19/03 14:25	4.50 mg/L	EMM	\$4.90
Total Cost Lena Road Groundwater MW-3										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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MW - 6	MW - 6	Lena Road	02/24/03 10:10	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 10:35	0.002 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Arsenic	EPA 200.7	0.007 U mg/L	03/14/03 12:29	0.007 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Barium	EPA 200.7	0.006 mg/L	03/14/03 12:29	0.0002 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Beryllium	EPA 200.7	0.0002 U mg/L	03/14/03 12:29	0.0002 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Cadmium	EPA 200.7	0.0005 U mg/L	03/14/03 12:29	0.0005 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Chromium	EPA 200.7	0.007 mg/L	03/14/03 12:29	0.0005 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Cobalt	EPA 200.7	0.001 U mg/L	03/14/03 12:29	0.001 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Copper	EPA 200.7	0.005 U mg/L	03/14/03 12:29	0.005 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Iron	EPA 200.7	8.11 mg/L	03/14/03 12:29	0.010 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Lead	EPA 200.7	0.005 U mg/L	03/14/03 12:29	0.005 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Nickel	EPA 200.7	0.001 mg/L	03/14/03 12:29	0.001 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 12:29	0.010 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Silver	EPA 200.7	0.002 U mg/L	03/14/03 12:29	0.002 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Sodium	EPA 200.7	7.12 mg/L	03/14/03 12:29	0.500 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 12:26	0.0004 mg/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Vanadium	EPA 200.7	0.038 mg/L	03/14/03 12:29	0.0005 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Zinc	EPA 200.7	0.010 mg/L	03/14/03 12:29	0.010 mg/L	WC	\$3.70
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:04	0.100 ug/L	WC	\$6.15
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Ammonia - N	EPA 350.1	0.195 mg/L	03/04/03 14:04	0.009 mg/L	EMM	\$4.90
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Chloride	EPA 300.0	13.2 mg/L	03/06/03 19:43	0.020 mg/L	EMM	\$4.90
MW - 6	MW - 6	Lena Road	02/24/03 10:10	Nitrate	EPA 300.0	0.006 U mg/L	02/25/03 20:37	0.006 mg/L	EMM	\$4.90
MW - 6	MW - 6	Lena Road	02/24/03 10:10	TDS	SM 2540C	165 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90

Total Cost Lena Road Groundwater MW-6

\$103.35

Lah	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sampl
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 9:56	0.002 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Arsenic	EPA 200.7	0.007 U mg/L	03/14/03 12:09	0.007 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Barium	EPA 200.7	0.023 mg/L	03/14/03 12:09	0.0002 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Beryllium	EPA 200.7	0.0002 U mg/L	03/14/03 12:09	0.0002 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Cadmium	EPA 200.7	0.0005 U mg/L	03/14/03 12:09	0.0005 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Chromium	EPA 200.7	0.002 mg/L	03/14/03 12:09	0.0005 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Cobalt	EPA 200.7	0.001 U mg/L	03/14/03 12:09	0.001 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Copper	EPA 200.7	0.005 U mg/L	03/14/03 12:09	0.005 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Iron	EPA 200.7	8.08 mg/L	03/14/03 12:09	0.010 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Lead	EPA 200.7	0.005 U mg/L	03/14/03 12:09	0.005 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Nickel	EPA 200.7	0.001 mg/L	03/14/03 12:09	0.001 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 12:09	0.010 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Silver	EPA 200.7	0.002 U mg/L	03/14/03 12:09	0.002 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Sodium	EPA 200.7	17.8 mg/L	03/14/03 12:09	0.500 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 11:44	0.0004 mg/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Vanadium	EPA 200.7	0.005 mg/L	03/14/03 12:09	0.0005 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Zinc	EPA 200.7	0.010 U mg/L	03/14/03 12:09	0.010 mg/L	WC	\$3.70
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:48	0.100 ug/L	WC	\$6.15
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Ammonia - N	EPA 350.1	1.42 mg/L	03/04/03 14:00	0.009 mg/L	EMM	\$4.90
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Chloride	EPA 300.0	25.6 mg/L	03/05/03 11:03	0.020 mg/L	EMM	\$4.90
GC - 5	GC - 5	Lena Road	02/24/03 13:11	Nitrate	EPA 300.0	0.006 U mg/L	02/25/03 19:36	0.006 mg/L	EMM	\$4.90
GC - 5	GC - 5	Lena Road	02/24/03 13:11	TDS	SM 2540C	385 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90

Total Cost Lena Road Groundwater GC-5 \$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 10:12	0.002 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Arsenic	EPA 200.7	0.007 U mg/L	03/14/03 12:21	0.007 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Barium	EPA 200.7	0.006 mg/L	03/14/03 12:21	0.0002 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Beryllium	EPA 200.7	0.0002 U mg/L	03/14/03 12:21	0.0002 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Cadmium	EPA 200.7	0.0005 U mg/L	03/14/03 12:21	0.0005 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Chromium	EPA 200.7	0.003 mg/L	03/14/03 12:21	0.0005 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Cobalt	EPA 200.7	0.001 U mg/L	03/14/03 12:21	0.001 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Copper	EPA 200.7	0.005 U mg/L	03/14/03 12:21	0.005 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Iron	EPA 200.7	4.55 mg/L	03/14/03 12:21	0.010 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Lead	EPA 200.7	0.005 U mg/L	03/14/03 12:21	0.005 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Nickel	EPA 200.7	0.001 U mg/L	03/14/03 12:21	0.001 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 12:21	0.010 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Silver	EPA 200.7	0.002 U mg/L	03/14/03 12:21	0.002 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Sodium	EPA 200.7	12.7 mg/L	03/14/03 12:21	0.500 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 12:01	0.0004 mg/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Vanadium	EPA 200.7	0.006 mg/L	03/14/03 12:21	0.0005 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Zinc	EPA 200.7	0.010 U mg/L	03/14/03 12:21	0.010 mg/L	WC	\$3.70
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:01	0.100 ug/L	WC	\$6.15
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Ammonia - N	EPA 350.1	0.328 mg/L	03/04/03 14:01	0.009 mg/L	EMM	\$4.90
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Chloride	EPA 300.0	21.6 mg/L	03/06/03 11:34	0.020 mg/L	EMM	\$4.90
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	Nitrate	EPA 300.0	0.006 U mg/L	02/25/03 20:07	0.006 mg/L	EMM	\$4.90
LRII - 5	LRII - 5	Lena Road	02/24/03 12:15	TDS	SM 2540C	192 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90
Total Cost Lena Road Groundwater LRII-5										\$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 11:14	0.002 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Arsenic	EPA 200.7	0.007 U mg/L	03/14/03 11:57	0.007 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Barium	EPA 200.7	0.038 mg/L	03/14/03 11:57	0.0002 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Beryllium	EPA 200.7	0.0002 U mg/L	03/14/03 11:57	0.0002 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Cadmium	EPA 200.7	0.0005 U mg/L	03/14/03 11:57	0.0005 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Chromium	EPA 200.7	0.003 mg/L	03/14/03 11:57	0.0005 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Cobalt	EPA 200.7	0.001 U mg/L	03/14/03 11:57	0.001 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Copper	EPA 200.7	0.005 U mg/L	03/14/03 11:57	0.005 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Iron	EPA 200.7	0.917 mg/L	03/14/03 11:57	0.010 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Lead	EPA 200.7	0.005 U mg/L	03/14/03 11:57	0.005 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Nickel	EPA 200.7	0.001 U mg/L	03/14/03 11:57	0.001 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 11:57	0.010 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Silver	EPA 200.7	0.002 U mg/L	03/14/03 11:57	0.002 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Sodium	EPA 200.7	4.55 mg/L	03/14/03 11:57	0.500 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 13:07	0.0004 mg/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Vanadium	EPA 200.7	0.016 mg/L	03/14/03 11:57	0.0006 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Zinc	EPA 200.7	0.010 U mg/L	03/14/03 11:57	0.010 mg/L	WC	\$3.70
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:21	0.100 ug/L	WC	\$6.15
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Ammonia - N	EPA 350.1	0.720 mg/L	03/04/03 14:18	0.009 mg/L	EMM	\$4.90
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Chloride	EPA 300.0	7.85 mg/L	03/05/03 13:36	0.020 mg/L	EMM	\$4.90
GC - 6	GC - 6	Lena Road	02/25/03 9:06	Nitrate	EPA 300.0	0.006 U mg/L	02/26/03 1:14	0.006 mg/L	EMM	\$4.90
GC - 6	GC - 6	Lena Road	02/25/03 9:06	TDS	SM 2540C	201 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90
Total Cost Lena Road Groundwater GC-6										\$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 10:43	0.002 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Arsenic	EPA 200.7	0.036 mg/L	03/14/03 11:21	0.007 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Barium	EPA 200.7	0.066 mg/L	03/14/03 11:21	0.0002 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Beryllium	EPA 200.7	0.0002U mg/L	03/14/03 11:21	0.0002 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Cadmium	EPA 200.7	0.0005U mg/L	03/14/03 11:21	0.0005 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Chromium	EPA 200.7	0.005 U mg/L	03/14/03 11:21	0.0005 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Cobalt	EPA 200.7	0.001 mg/L	03/14/03 11:21	0.001 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Copper	EPA 200.7	0.005 U mg/L	03/14/03 11:21	0.005 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Iron	EPA 200.7	2.13 mg/L	03/14/03 11:21	0.010 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Lead	EPA 200.7	0.005 U mg/L	03/14/03 11:21	0.005 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Nickel	EPA 200.7	0.003 mg/L	03/14/03 11:21	0.001 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 11:21	0.010 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Silver	EPA 200.7	0.002 U mg/L	03/14/03 11:21	0.002 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Sodium	EPA 200.7	56.4 mg/L	03/14/03 11:21	0.500 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 12:34	0.0004 mg/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Vanadium	EPA 200.7	0.035 mg/L	03/14/03 11:21	0.0006 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Zinc	EPA 200.7	0.014 mg/L	03/14/03 11:21	0.010 mg/L	WC	\$3.70
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:11	0.100 ug/L	WC	\$6.15
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Ammonia - N	EPA 350.1	0.177 mg/L	03/04/03 14:13	0.009 mg/L	EMM	\$4.90
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Chloride	EPA 300.0	67.1 mg/L	03/05/03 12:35	0.020 mg/L	EMM	\$4.90
MW - 2	MW - 2	Lena Road	02/25/03 11:19	Nitrate	EPA 300.0	0.006 U mg/L	02/26/03 22:40	0.006 mg/L	EMM	\$4.90
MW - 2	MW - 2	Lena Road	02/25/03 11:19	TDS	SM 2540C	527 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90
Total Cost Lena Road Groundwater MW-2										\$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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MW - 5	MW - 5	Lena Road	02/25/03 10:34	Antimony ✓	EPA 204.2	0.002 U mg/L	03/07/03 10:51	0.002 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Arsenic ✓	EPA 200.7	0.007 U mg/L	03/14/03 11:27	0.007 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Barium ✓	EPA 200.7	0.058 mg/L	03/14/03 11:27	0.0002 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Beryllium ✓	EPA 200.7	0.0002 U mg/L	03/14/03 11:27	0.0002 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Cadmium ✓	EPA 200.7	0.0005 U mg/L	03/14/03 11:27	0.0005 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Chromium ✓	EPA 200.7	0.0016 mg/L	03/14/03 11:27	0.0005 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Cobalt ✓	EPA 200.7	0.001 U mg/L	03/14/03 11:27	0.001 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Copper ✓	EPA 200.7	0.005 U mg/L	03/14/03 11:27	0.005 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Iron	EPA 200.7	1.19 mg/L	03/14/03 11:27	0.010 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Lead ✓	EPA 200.7	0.005 U mg/L	03/14/03 11:27	0.005 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Nickel ✓	EPA 200.7	0.001 mg/L	03/14/03 11:27	0.001 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Selenium ✓	EPA 200.7	0.010 U mg/L	03/14/03 11:27	0.010 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Silver ✓	EPA 200.7	0.002 U mg/L	03/14/03 11:27	0.002 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Sodium	EPA 200.7	14.8 mg/L	03/14/03 11:27	0.500 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Thallium ✓	EPA 279.2	0.0004 U mg/L	03/10/03 12:42	0.0004 mg/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Vanadium ✓	EPA 200.7	0.011 mg/L	03/14/03 11:27	0.0006 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Zinc ✓	EPA 200.7	0.010 U mg/L	03/14/03 11:27	0.010 mg/L	WC	\$3.70
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:14	0.100 ug/L	WC	\$6.15
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Ammonia - N	EPA 350.1	1.86 mg/L	03/04/03 14:17	0.009 mg/L	EMM	\$4.90
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Chloride	EPA 300.0	28.2 mg/L	03/05/03 14:06	0.020 mg/L	EMM	\$4.90
MW - 5	MW - 5	Lena Road	02/25/03 10:34	Nitrate	EPA 300.0	0.006 U mg/L	02/26/03 0:43	0.006 mg/L	EMM	\$4.90
MW - 5	MW - 5	Lena Road	02/25/03 10:34	TDS	SM 2540C	194 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90

Total Cost Lena Road Groundwater MW-5 **\$103.35**

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
GC - 4A	GC - 4A	Lena Road	02/25/03 12:41	Antimony	EPA 204.2	0.002 U mg/L	03/07/03 10:58	0.002 mg/L	WC	\$6.15
GC - 4A	GC - 4A	Lena Road	02/25/03 12:41	Arsenic	EPA 200.7	0.007 U mg/L	03/14/03 11:46	0.007 mg/L	WC	\$6.15
GC - 4A	GC - 4A	Lena Road	02/25/03 12:41	Barium	EPA 200.7	0.082 mg/L	03/14/03 11:46	0.0002 mg/L	WC	\$3.70
GC - 4A	GC - 4A	Lena Road	02/25/03 12:41	Beryllium	EPA 200.7	0.0002 U mg/L	03/14/03 11:46	0.0002 mg/L	WC	\$6.15
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Cadmium	EPA 200.7	0.0005 U mg/L	03/14/03 11:46	0.0005 mg/L	WC	\$6.15
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Chromium	EPA 200.7	0.017 mg/L	03/14/03 11:46	0.0005 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Cobalt	EPA 200.7	0.001 0.017	03/14/03 11:46	0.001 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Copper	EPA 200.7	0.005 U mg/L	03/14/03 11:46	0.005 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Iron	EPA 200.7	1.40 mg/L	03/14/03 11:46	0.010 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Lead	EPA 200.7	0.005 U mg/L	03/14/03 11:46	0.005 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Nickel	EPA 200.7	0.004 mg/L	03/14/03 11:46	0.001 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Selenium	EPA 200.7	0.010 U mg/L	03/14/03 11:46	0.010 mg/L	WC	\$6.15
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Silver	EPA 200.7	0.002 U mg/L	03/14/03 11:46	0.002 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Sodium	EPA 200.7	22.2 mg/L	03/14/03 11:46	0.500 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Thallium	EPA 279.2	0.0004 U mg/L	03/10/03 12:50	0.0004 mg/L	WC	\$6.15
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Vanadium	EPA 200.7	0.022 mg/L	03/14/03 11:46	0.0006 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Zinc	EPA 200.7	0.016 mg/L	03/14/03 11:46	0.010 mg/L	WC	\$3.70
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 14:16	0.100 ug/L	WC	\$6.15
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Ammonia - N	EPA 350.1	1.53 mg/L	03/04/03 14:14	0.009 mg/L	EMM	\$4.90
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Chloride	EPA 300.0	27.6 mg/L	03/05/03 13:05	0.020 mg/L	EMM	\$4.90
GC-4A	GC-4A	Lena Road	02/25/03 12:41	Nitrate	EPA 300.0	0.055 mg/L	02/26/03 0:12	0.006 mg/L	EMM	\$4.90
GC-4A	GC-4A	Lena Road	02/25/03 12:41	TDS	SM 2540C	321 mg/L	02/27/03 11:15	4.50 mg/L	EMM/LK	\$4.90
Total Cost Lena Road Groundwater GC-4A										\$103.35



Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 11:45	0.002 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 11:56	0.007 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Barium	EPA 200.7	0.013 mg/L	03/18/03 11:56	0.0002 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 11:56	0.0002 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 11:56	0.0005 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Chromium	EPA 200.7	0.001 mg/L	03/18/03 11:56	0.0005 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 11:56	0.001 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Copper	EPA 200.7	0.005 U mg/L	03/18/03 11:56	0.005 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Iron	EPA 200.7	0.010 U mg/L	03/18/03 11:56	0.010 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Lead	EPA 200.7	0.005 U mg/L	03/18/03 11:56	0.005 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Nickel	EPA 200.7	0.002 mg/L	03/18/03 11:56	0.001 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 11:56	0.010 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Silver	EPA 200.7	0.002 U mg/L	03/18/03 11:56	0.002 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Sodium	EPA 200.7	53.9 mg/L	03/18/03 11:56	0.500 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 12:59	0.0004 mg/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Vanadium	EPA 200.7	0.0005 U mg/L	03/18/03 11:56	0.0005 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 11:56	0.010 mg/L	WC	\$3.70
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:21	0.100 ug/L	WC	\$6.15
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Ammonia - N	EPA 350.1	0.185 mg/L	02/24/03 15:30	0.009 mg/L	EMM	\$4.90
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Chloride	EPA 300.0	77.0 mg/L	02/26/03 23:44	0.020 mg/L	EMM	\$4.90
SA - 5	SA - 5	Lena Road	02/21/03 10:44	Nitrate	EPA 300.0	0.049 mg/L	02/21/03 23:38	0.006 mg/L	EMM	\$4.90
SA - 5	SA - 5	Lena Road	02/21/03 10:44	TDS	SM 2540C	420 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
Total Cost Lena Road Groundwater SA-5										\$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 12:00	0.002 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Arsenic	EPA 200.7	0.013 mg/L	03/18/03 12:08	0.007 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Barium	EPA 200.7	0.011 mg/L	03/18/03 12:08	0.0002 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 12:08	0.0002 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 12:08	0.0005 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Chromium	EPA 200.7	0.0005 U mg/L	03/18/03 12:08	0.0005 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 12:08	0.001 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Copper	EPA 200.7	0.005 U mg/L	03/18/03 12:08	0.005 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Iron	EPA 200.7	13.4 mg/L	03/18/03 12:08	0.010 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Lead	EPA 200.7	0.005 U mg/L	03/18/03 12:08	0.005 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Nickel	EPA 200.7	0.001 mg/L	03/18/03 12:08	0.001 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 12:08	0.010 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Silver	EPA 200.7	0.002 U mg/L	03/18/03 12:08	0.002 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Sodium	EPA 200.7	17.7 mg/L	03/18/03 12:08	0.500 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 13:16	0.0004 mg/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Vanadium	EPA 200.7	0.001 mg/L	03/18/03 12:08	0.0005 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Zinc	EPA 200.7	0.023 mg/L	03/18/03 12:08	0.010 mg/L	WC	\$3.70
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:31	0.100 ug/L	WC	\$6.15
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Ammonia - N	EPA 350.1	7.31 mg/L	03/04/03 13:58	0.009 mg/L	EMM	\$4.90
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Chloride	EPA 300.0	20.7 mg/L	03/05/03 5:29	0.020 mg/L	EMM	\$4.90
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	Nitrate	EPA 300.0	0.061 mg/L	02/22/03 5:15	0.006 mg/L	EMM	\$4.90
GC - 1A	GC - 1A	Lena Road	02/21/03 9:35	TDS	SM 2540C	228 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90

Total Cost Lena Road Groundwater GC-1A **\$103.35**

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 12:08	0.002 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Arsenic	EPA 200.7	0.064 mg/L	03/18/03 12:20	0.007 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Barium	EPA 200.7	0.004 mg/L	03/18/03 12:20	0.0002 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 12:20	0.0002 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 12:20	0.0005 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Chromium	EPA 200.7	0.001 mg/L	03/18/03 12:20	0.0005 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 12:20	0.001 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Copper	EPA 200.7	0.005 U mg/L	03/18/03 12:20	0.005 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Iron	EPA 200.7	21.2 mg/L	03/18/03 12:20	0.010 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Lead	EPA 200.7	0.005 U mg/L	03/18/03 12:20	0.005 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Nickel	EPA 200.7	0.004 mg/L	03/18/03 12:20	0.001 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 12:20	0.010 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Silver	EPA 200.7	0.002 U mg/L	03/18/03 12:20	0.002 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Sodium	EPA 200.7	16.1 mg/L	03/18/03 12:20	0.500 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 13:24	0.0004 mg/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Vanadium	EPA 200.7	0.003 mg/L	03/18/03 12:20	0.0005 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 12:20	0.010 mg/L	WC	\$3.70
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:33	0.100 ug/L	WC	\$6.15
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Ammonia - N	EPA 350.1	0.138 mg/L	02/24/03 15:25	0.009 mg/L	EMM	\$4.90
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Chloride	EPA 300.0	20.6 mg/L	03/05/03 5:59	0.020 mg/L	EMM	\$4.90
GC - 2	GC - 2	Lena Road	02/21/03 13:02	Nitrate	EPA 300.0	0.033 mg/L	02/22/03 3:12	0.006 mg/L	EMM	\$4.90
GC - 2	GC - 2	Lena Road	02/21/03 13:02	TDS	SM 2540C	276 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
Total Cost Lena Road Groundwater GC-2										\$103.35

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 12:15	0.002 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 12:51	0.007 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Barium	EPA 200.7	0.011 mg/L	03/18/03 12:51	0.0002 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 12:51	0.0002 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 12:51	0.0005 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Chromium	EPA 200.7	0.001 mg/L	03/18/03 12:51	0.0005 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 12:51	0.001 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Copper	EPA 200.7	0.005 U mg/L	03/18/03 12:51	0.005 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Iron	EPA 200.7	6.09 mg/L	03/18/03 12:51	0.010 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Lead	EPA 200.7	0.005 U mg/L	03/18/03 12:51	0.005 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Nickel	EPA 200.7	0.002 mg/L	03/18/03 12:51	0.001 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 12:51	0.010 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Silver	EPA 200.7	0.002 U mg/L	03/18/03 12:51	0.002 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Sodium	EPA 200.7	11.7 mg/L	03/18/03 12:51	0.500 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 13:32	0.0004 mg/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Vanadium	EPA 200.7	0.004 mg/L	03/18/03 12:51	0.0005 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 12:51	0.010 mg/L	WC	\$3.70
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:36	0.100 ug/L	WC	\$6.15
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Ammonia - N	EPA 350.1	0.238 mg/L	02/24/03 15:26	0.009 mg/L	EMM	\$4.90
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Chloride	EPA 300.0	21.1 mg/L	03/05/03 6:29	0.020 mg/L	EMM	\$4.90
GC - 3	GC - 3	Lena Road	02/21/03 14:42	Nitrate	EPA 300.0	0.036 mg/L	02/22/03 4:14	0.006 mg/L	EMM	\$4.90
GC - 3	GC - 3	Lena Road	02/21/03 14:42	TDS	SM 2540C	322 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
Total Cost Lena Road Groundwater GC-3										\$103.35

Lab ID	Ant ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:51	0.002 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 11:25	0.007 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Barium	EPA 200.7	0.004 mg/L	03/18/03 11:25	0.0002 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 11:25	0.0002 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 11:25	0.0005 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Chromium	EPA 200.7	0.0015 mg/L	03/18/03 11:25	0.0005 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 11:25	0.001 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Copper	EPA 200.7	0.005 U mg/L	03/18/03 11:25	0.005 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Iron	EPA 200.7	0.010 U mg/L	03/18/03 11:25	0.010 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Lead	EPA 200.7	0.005 U mg/L	03/18/03 11:25	0.005 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Nickel	EPA 200.7	0.002 mg/L	03/18/03 11:25	0.001 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 11:25	0.010 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Silver	EPA 200.7	0.002 U mg/L	03/18/03 11:25	0.002 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Sodium	EPA 200.7	28.2 mg/L	03/18/03 11:25	0.500 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 12:02	0.0004 mg/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Vanadium	EPA 200.7	0.001 mg/L	03/18/03 11:25	0.0005 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 11:25	0.010 mg/L	WC	\$3.70
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 11:04	0.100 ug/L	WC	\$6.15
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Ammonia - N	EPA 350.1	0.198 mg/L	02/24/03 15:19	0.009 mg/L	EMM	\$4.90
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Chloride	EPA 300.0	32.0 mg/L	02/26/03 2:16	0.020 mg/L	EMM	\$4.90
SA - 2	SA - 2	Lena Road	02/21/03 12:39	Nitrate	EPA 300.0	0.013 mg/L	02/22/03 1:40	0.006 mg/L	EMM	\$4.90
SA - 2	SA - 2	Lena Road	02/21/03 12:39	TDS	SM 2540C	356 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
<b>Total Cost Lena Road Groundwater SA-2</b>										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:58	0.002 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 11:44	0.007 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Barium	EPA 200.7	0.009 mg/L	03/18/03 11:44	0.0002 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 11:44	0.0002 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 11:44	0.0005 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Chromium	EPA 200.7	0.003 mg/L	03/18/03 11:44	0.0005 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 11:44	0.001 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Copper	EPA 200.7	0.005 U mg/L	03/18/03 11:44	0.005 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Iron	EPA 200.7	0.296 mg/L	03/18/03 11:44	0.010 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Lead	EPA 200.7	0.005 U mg/L	03/18/03 11:44	0.005 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Nickel	EPA 200.7	0.003 mg/L	03/18/03 11:44	0.001 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 11:44	0.010 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Silver	EPA 200.7	0.002 U mg/L	03/18/03 11:44	0.002 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Sodium	EPA 200.7	29.1 mg/L	03/18/03 11:44	0.500 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 12:10	0.0004 mg/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Vanadium	EPA 200.7	0.001 mg/L	03/18/03 11:44	0.0005 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 11:44	0.010 mg/L	WC	\$3.70
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 11:08	0.100 ug/L	WC	\$6.15
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Ammonia - N	EPA 350.1	0.164 mg/L	02/24/03 15:20	0.009 mg/L	EMM	\$4.90
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Chloride	EPA 300.0	28.4 mg/L	02/26/03 2:47	0.020 mg/L	EMM	\$4.90
SA - 3	SA - 3	Lena Road	02/21/03 14:06	Nitrate	EPA 300.0	0.040 mg/L	02/22/03 3:43	0.006 mg/L	EMM	\$4.90
SA - 3	SA - 3	Lena Road	02/21/03 14:06	TDS	SM 2540C	398 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
<b>Total Cost Lena Road Groundwater SA-3</b>										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
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SA - 4	SA - 4	Lena Road	02/21/03 9:19	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 11:22	0.002 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 11:50	0.007 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Barium	EPA 200.7	0.013 mg/L	03/18/03 11:50	0.0002 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 11:50	0.0002 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 11:50	0.0005 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Chromium	EPA 200.7	0.001 mg/L	03/18/03 11:50	0.0005 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 11:50	0.001 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Copper	EPA 200.7	0.005 U mg/L	03/18/03 11:50	0.005 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Iron	EPA 200.7	0.010 U mg/L	03/18/03 11:50	0.010 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Lead	EPA 200.7	0.005 U mg/L	03/18/03 11:50	0.005 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Nickel	EPA 200.7	0.001 mg/L	03/18/03 11:50	0.001 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 11:50	0.010 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Silver	EPA 200.7	0.002 U mg/L	03/18/03 11:50	0.002 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Sodium	EPA 200.7	59.5 mg/L	03/18/03 11:50	0.500 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 12:35	0.0004 mg/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Vanadium	EPA 200.7	0.0005 U mg/L	03/18/03 11:50	0.0005 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 11:50	0.010 mg/L	WC	\$3.70
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 11:09	0.100 ug/L	WC	\$6.15
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Ammonia - N	EPA 350.1	0.196 mg/L	02/24/03 15:23	0.009 mg/L	EMM	\$4.90
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Chloride	EPA 300.0	66.8 mg/L	02/26/03 22:13	0.020 mg/L	EMM	\$4.90
SA - 4	SA - 4	Lena Road	02/21/03 9:19	Nitrate	EPA 300.0	0.052 mg/L	02/22/03 4:44	0.006 mg/L	EMM	\$4.90
SA - 4	SA - 4	Lena Road	02/21/03 9:19	TDS	SM 2540C	451 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90

Total Cost Lena Road Groundwater SA-4 **\$103.35**

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analys	Cost per sample
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 12:23	0.002 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Arsenic	EPA 200.7	0.007 U mg/L	03/18/03 12:57	0.007 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Barium	EPA 200.7	0.007 mg/L	03/18/03 12:57	0.0002 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Beryllium	EPA 200.7	0.0002 U mg/L	03/18/03 12:57	0.0002 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Cadmium	EPA 200.7	0.0005 U mg/L	03/18/03 12:57	0.0005 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Chromium	EPA 200.7	0.002 mg/L	03/18/03 12:57	0.0005 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Cobalt	EPA 200.7	0.001 U mg/L	03/18/03 12:57	0.001 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Copper	EPA 200.7	0.005 U mg/L	03/18/03 12:57	0.005 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Iron	EPA 200.7	25.9 mg/L	03/18/03 12:57	0.010 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Lead	EPA 200.7	0.005 U mg/L	03/18/03 12:57	0.005 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Nickel	EPA 200.7	0.002 mg/L	03/18/03 12:57	0.001 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Selenium	EPA 200.7	0.010 U mg/L	03/18/03 12:57	0.010 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Silver	EPA 200.7	0.002 U mg/L	03/18/03 12:57	0.002 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Sodium	EPA 200.7	16.1 mg/L	03/18/03 12:57	0.500 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 13:40	0.0004 mg/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Vanadium	EPA 200.7	0.008 mg/L	03/18/03 12:57	0.0005 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Zinc	EPA 200.7	0.010 U mg/L	03/18/03 12:57	0.010 mg/L	WC	\$3.70
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 13:38	0.100 ug/L	WC	\$6.15
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Ammonia - N	EPA 350.1	0.949 mg/L	02/24/03 15:29	0.009 mg/L	EMM	\$4.90
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Chloride	EPA 300.0	18.9 mg/L	03/05/03 7:00	0.020 mg/L	EMM	\$4.90
LRII-1	LRII-1	Lena Road	02/21/03 11:35	Nitrate	EPA 300.0	0.046 mg/L	02/22/03 0:08	0.006 mg/L	EMM	\$4.90
LRII-1	LRII-1	Lena Road	02/21/03 11:35	TDS	SM 2540C	339 mg/L	02/24/03 12:30	4.50 mg/L	EMM	\$4.90
<b>Total Cost Lena Road Groundwater LRII-1</b>										<b>\$103.35</b>



Lab ID	Client ID	Sample Location	Collection Date/Time		Parameter	Method	RESULTS			Date/Time Analyzed	MDL		Analyst	Cost per sample
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Antimony	EPA 204.2	0.002	U	mg/L	02/28/03 9:33	0.002	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Arsenic	EPA 200.7	0.007	U	mg/L	02/28/03 10:46	0.007	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Barium	EPA 200.7	0.006		mg/L	02/28/03 10:46	0.0002	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Beryllium	EPA 200.7	0.0002	U	mg/L	02/28/03 10:46	0.0002	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Cadmium	EPA 200.7	0.0005	U	mg/L	02/28/03 10:46	0.0005	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Chromium	EPA 200.7	0.006		mg/L	02/28/03 10:46	0.0005	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Cobalt	EPA 200.7	0.002	U	mg/L	02/28/03 10:46	0.002	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Copper	EPA 200.7	0.005	U	mg/L	02/28/03 10:46	0.005	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Iron	EPA 200.7	5.69		mg/L	02/28/03 10:46	0.010	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Lead	EPA 200.7	0.005	U	mg/L	02/28/03 10:46	0.005	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Nickel	EPA 200.7	0.001	U	mg/L	02/28/03 10:46	0.001	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Selenium	EPA 200.7	0.010	U	mg/L	02/28/03 10:46	0.010	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Silver	EPA 200.7	0.002	U	mg/L	02/28/03 10:46	0.002	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Sodium	EPA 200.7	13.0		mg/L	02/28/03 10:46	0.500	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Thallium	EPA 279.2	0.0004	U	mg/L	02/27/03 10:40	0.0004	mg/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Vanadium	EPA 200.7	0.017		mg/L	02/28/03 10:46	0.0005	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Zinc	EPA 200.7	0.010	U	mg/L	02/28/03 10:46	0.010	mg/L	WC	\$3.70
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Mercury	EPA 245.1	0.100	U	ug/L	03/12/03 11:26	0.100	ug/L	WC	\$6.15
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Ammonia - N	EPA 350.1	0.169		mg/L	02/24/03 15:05	0.009	mg/L	EMM	\$4.90
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Chloride	EPA 300.0	14.1		mg/L	02/26/03 17:08	0.020	mg/L	EMM	\$4.90
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	Nitrate	EPA 300.0	0.050		mg/L	02/21/03 21:04	0.006	mg/L	EMM	\$4.90
SMR - 1	SMR - 1	Lena Road	02/20/03	9:19	TDS	SM 2540C	130	Q	mg/L	3/4/2003 11:45	4.50	mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater SMR-1													<b>\$103.35</b>	

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 9:41	0.002 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Arsenic	EPA 200.7	0.007 U mg/L	2/26/2003 10:52	0.007 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Barium	EPA 200.7	0.012 mg/L	2/26/2003 10:52	0.0002 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Beryllium	EPA 200.7	0.0002 U mg/L	2/26/2003 10:52	0.0002 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Cadmium	EPA 200.7	0.0005 U mg/L	2/26/2003 10:52	0.0005 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Chromium	EPA 200.7	0.004 mg/L	2/26/2003 10:52	0.0005 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Cobalt	EPA 200.7	0.002 U mg/L	2/26/2003 10:52	0.002 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Copper	EPA 200.7	0.005 U mg/L	2/26/2003 10:52	0.005 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Iron	EPA 200.7	0.030 mg/L	2/26/2003 10:52	0.010 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Lead	EPA 200.7	0.005 U mg/L	2/26/2003 10:52	0.005 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Nickel	EPA 200.7	0.002 mg/L	2/26/2003 10:52	0.001 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Selenium	EPA 200.7	0.010 U mg/L	2/26/2003 10:52	0.010 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Silver	EPA 200.7	0.002 U mg/L	2/26/2003 10:52	0.002 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Sodium	EPA 200.7	54.3 mg/L	2/26/2003 10:52	0.500 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 10:48	0.0004 mg/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Vanadium	EPA 200.7	0.0005 U mg/L	2/26/2003 10:52	0.0005 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Zinc	EPA 200.7	0.010 U mg/L	2/26/2003 10:52	0.010 mg/L	WC	\$3.70
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:11	0.100 ug/L	WC	\$6.15
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Ammonia - N	EPA 350.1	0.224 mg/L	02/24/03 15:06	0.009 mg/L	EMM	\$4.90
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Chloride	EPA 300.0	99.2 mg/L	02/26/03 20:41	0.020 mg/L	EMM	\$4.90
SMR-2	SMR-2	Lena Road	02/20/03 8:53	Nitrate	EPA 300.0	0.049 mg/L	02/21/03 21:35	0.006 mg/L	EMM	\$4.90
SMR-2	SMR-2	Lena Road	02/20/03 8:53	TDS	SM 2540C	406 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater SMR-2										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:04	0.002 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 11:17	0.007 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Barium	EPA 200.7	0.003 mg/L	02/26/03 11:17	0.0002 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 11:17	0.0002 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 11:17	0.0005 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Chromium	EPA 200.7	0.002 mg/L	02/26/03 11:17	0.0005 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 11:17	0.002 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Copper	EPA 200.7	0.005 U mg/L	02/26/03 11:17	0.005 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Iron	EPA 200.7	8.52 mg/L	02/26/03 11:17	0.010 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Lead	EPA 200.7	0.005 U mg/L	02/26/03 11:17	0.005 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Nickel	EPA 200.7	0.001 U mg/L	02/26/03 11:17	0.001 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 11:17	0.010 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Silver	EPA 200.7	0.002 U mg/L	02/26/03 11:17	0.002 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Sodium	EPA 200.7	6.79 mg/L	02/26/03 11:17	0.500 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 11:13	0.0004 mg/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Vanadium	EPA 200.7	0.003 mg/L	02/26/03 11:17	0.0005 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 11:17	0.010 mg/L	WC	\$3.70
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:13	0.100 ug/L	WC	\$6.15
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Ammonia - N	EPA 350.1	0.051 mg/L	02/24/03 15:15	0.009 mg/L	EMM	\$4.90
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Chloride	EPA 300.0	14.8 mg/L	03/05/03 7:30	0.020 mg/L	EMM	\$4.90
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	Nitrate	EPA 300.0	0.050 mg/L	02/21/03 22:06	0.006 mg/L	EMM	\$4.90
LRII - 2	LRII - 2	Lena Road	02/20/03 14:10	TDS	SM 2540C	102 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater LRII-2										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:12	0.002 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 11:53	0.007 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Barium	EPA 200.7	0.065 mg/L	02/26/03 11:53	0.0002 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Beryllium	EPA 200.7	0.001 mg/L	02/26/03 11:53	0.0002 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 11:53	0.0005 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Chromium	EPA 200.7	0.001 mg/L	02/26/03 11:53	0.0005 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 11:53	0.002 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Copper	EPA 200.7	0.005 U mg/L	02/26/03 11:53	0.005 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Iron	EPA 200.7	2.18 mg/L	02/26/03 11:53	0.010 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Lead	EPA 200.7	0.005 U mg/L	02/26/03 11:53	0.005 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Nickel	EPA 200.7	0.001 U mg/L	02/26/03 11:53	0.001 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 11:53	0.010 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Silver	EPA 200.7	0.002 U mg/L	02/26/03 11:53	0.002 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Sodium	EPA 200.7	15.0 mg/L	02/26/03 11:53	0.500 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 11:21	0.0004 mg/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Vanadium	EPA 200.7	0.005 mg/L	02/26/03 11:53	0.0005 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 11:53	0.010 mg/L	WC	\$3.70
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:16	0.100 ug/L	WC	\$6.15
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Ammonia - N	EPA 350.1	2.56 mg/L	02/24/03 15:13	0.009 mg/L	EMM	\$4.90
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Chloride	EPA 300.0	50.4 mg/L	02/26/03 18:09	0.020 mg/L	EMM	\$4.90
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	Nitrate	EPA 300.0	0.044 mg/L	02/21/03 22:36	0.006 mg/L	EMM	\$4.90
LRII - 3	LRII - 3	Lena Road	02/20/03 12:30	TDS	SM 2540C	163 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater LRII-3										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:20	0.002 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 13:26	0.007 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Barium	EPA 200.7	0.012 mg/L	02/26/03 13:26	0.0002 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 13:26	0.0002 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 13:26	0.0005 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Chromium	EPA 200.7	0.001 mg/L	02/26/03 13:26	0.0005 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 13:26	0.002 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Copper	EPA 200.7	0.005 U mg/L	02/26/03 13:26	0.005 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Iron	EPA 200.7	7.60 mg/L	02/26/03 13:26	0.010 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Lead	EPA 200.7	0.005 U mg/L	02/26/03 13:26	0.005 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Nickel	EPA 200.7	0.00 U mg/L	02/26/03 13:26	0.001 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 13:26	0.010 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Silver	EPA 200.7	0.002 U mg/L	02/26/03 13:26	0.002 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Sodium	EPA 200.7	20.8 mg/L	02/26/03 13:26	0.500 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 11:29	0.0004 mg/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Vanadium	EPA 200.7	0.001 mg/L	02/26/03 13:26	0.0005 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 13:26	0.010 mg/L	WC	\$3.70
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:18	0.100 ug/L	WC	\$6.15
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Ammonia - N	EPA 350.1	1.59 mg/L	02/24/03 15:11	0.009 mg/L	EMM	\$4.90
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Chloride	EPA 300.0	52.6 mg/L	02/26/03 18:39	0.020 mg/L	EMM	\$4.90
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	Nitrate	EPA 300.0	0.049 mg/L	02/21/03 23:07	0.006 mg/L	EMM	\$4.90
LRII - 4	LRII - 4	Lena Road	02/20/03 11:00	TDS	SM 2540C	290 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater LRII-4										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:35	0.002 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 12:12	0.007 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Barium	EPA 200.7	0.015 mg/L	02/26/03 12:12	0.0002 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 12:12	0.0002 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 12:12	0.0005 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Chromium	EPA 200.7	0.001 mg/L	02/26/03 12:12	0.0005 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 12:12	0.002 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Copper	EPA 200.7	0.005 U mg/L	02/26/03 12:12	0.005 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Iron	EPA 200.7	0.010 U mg/L	02/26/03 12:12	0.010 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Lead	EPA 200.7	0.005 U mg/L	02/26/03 12:12	0.005 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Nickel	EPA 200.7	0.001 U mg/L	02/26/03 12:12	0.001 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 12:12	0.010 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Silver	EPA 200.7	0.002 U mg/L	02/26/03 12:12	0.002 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Sodium	EPA 200.7	36.2 mg/L	02/26/03 12:12	0.500 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 11:46	0.0004 mg/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Vanadium	EPA 200.7	0.0005 U mg/L	02/26/03 12:12	0.0005 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 12:12	0.010 mg/L	WC	\$3.70
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:23	0.100 ug/L	WC	\$6.15
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Ammonia - N	EPA 350.1	0.142 mg/L	02/24/03 15:17	0.009 mg/L	EMM	\$4.90
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Chloride	EPA 300.0	57.4 mg/L	02/26/03 19:40	0.020 mg/L	EMM	\$4.90
SA - 7	SA - 7	Lena Road	02/20/03 12:06	Nitrate	EPA 300.0	0.050 mg/L	02/21/03 20:03	0.006 mg/L	EMM	\$4.90
SA - 7	SA - 7	Lena Road	02/20/03 12:06	TDS	SM 2540C	293 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater SA-7										<b>\$103.35</b>

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analys	Cost per sample	
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Antimony	EPA 204.2	0.002 U mg/L	02/28/03 10:27	0.002 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 12:07	0.007 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Barium	EPA 200.7	0.018 mg/L	02/26/03 12:07	0.0002 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 12:07	0.0002 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 12:07	0.0005 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Chromium	EPA 200.7	0.001 mg/L	02/26/03 12:07	0.0005 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 12:07	0.002 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Copper	EPA 200.7	0.005 U mg/L	02/26/03 12:07	0.005 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Iron	EPA 200.7	0.034 mg/L	02/26/03 12:07	0.010 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Lead	EPA 200.7	0.005 U mg/L	02/26/03 12:07	0.005 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Nickel	EPA 200.7	0.001 mg/L	02/26/03 12:07	0.001 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 12:07	0.010 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Silver	EPA 200.7	0.002 U mg/L	02/26/03 12:07	0.002 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Sodium	EPA 200.7	40.1 mg/L	02/26/03 12:07	0.500 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Thallium	EPA 279.2	0.0004 U mg/L	02/27/03 11:37	0.0004 mg/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Vanadium	EPA 200.7	0.0005 U mg/L	02/26/03 12:07	0.0005 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 12:07	0.010 mg/L	WC	\$3.70
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:21	0.100 ug/L	WC	\$6.15
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Ammonia - N	EPA 350.1	0.172 mg/L	02/24/03 4:07	0.009 mg/L	EMM	\$4.90
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Chloride	EPA 300.0	53.3 mg/L	02/26/03 19:10	0.020 mg/L	EMM	\$4.90
SA - 6	SA - 6	Lena Road	02/20/03	13:26	Nitrate	EPA 300.0	0.010 mg/L	02/21/03 18:00	0.006 mg/L	EMM	\$4.90
SA - 6	SA - 6	Lena Road	02/20/03	13:26	TDS	SM 2540C	566 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
<b>Total Cost Lena Road Groundwater SA-6</b>										<b>\$103.35</b>	

Lab ID	Client ID	Sample Location	Collection Date/Time	Parameter	Method	Results	Date /Time Analyzed	MDL	Analyst	Cost per sample	
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Antimony	EPA 204.2	0.004 mg/L	02/28/03 10:43	0.002 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Arsenic	EPA 200.7	0.007 U mg/L	02/26/03 12:18	0.007 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Barium	EPA 200.7	0.208 mg/L	02/26/03 12:18	0.0002 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Beryllium	EPA 200.7	0.0002 U mg/L	02/26/03 12:18	0.0002 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Cadmium	EPA 200.7	0.0005 U mg/L	02/26/03 12:18	0.0005 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Chromium	EPA 200.7	0.0005 mg/L	02/26/03 12:18	0.0005 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Cobalt	EPA 200.7	0.002 U mg/L	02/26/03 12:18	0.002 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Copper	EPA 200.7	0.008 mg/L	02/26/03 12:18	0.005 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Iron	EPA 200.7	0.052 mg/L	02/26/03 12:18	0.010 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Lead	EPA 200.7	0.006 mg/L	02/26/03 12:18	0.005 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Nickel	EPA 200.7	0.004 mg/L	02/26/03 12:18	0.001 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Selenium	EPA 200.7	0.010 U mg/L	02/26/03 12:18	0.010 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Silver	EPA 200.7	0.002 U mg/L	02/26/03 12:18	0.002 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Sodium	EPA 200.7	33.3 mg/L	02/26/03 12:18	0.500 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Thallium	EPA 279.2	0.0004 mg/L	02/27/03 12:02	0.0004 mg/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Vanadium	EPA 200.7	0.0005 U mg/L	02/26/03 12:18	0.0005 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Zinc	EPA 200.7	0.010 U mg/L	02/26/03 12:18	0.010 mg/L	WC	\$3.70
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Mercury	EPA 245.1	0.100 U ug/L	03/12/03 10:26	0.100 ug/L	WC	\$6.15
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Ammonia - N	EPA 350.1	0.172 mg/L	02/24/03 15:16	0.009 mg/L	EMM	\$4.90
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Chloride	EPA 300.0	51.4 mg/L	02/26/03 20:11	0.020 mg/L	EMM	\$4.90
SA - 8	SA - 8	Lena Road	02/20/03	10:17	Nitrate	EPA 300.0	0.051 mg/L	02/21/03 20:34	0.006 mg/L	EMM	\$4.90
SA - 8	SA - 8	Lena Road	02/20/03	10:17	TDS	SM 2540C	375 Q mg/L	03/04/03 11:45	4.50 mg/L	LK/EMM	\$4.90
Total Cost Lena Road Groundwater SA-8										<b>\$103.35</b>	





SYMBOLS	DATA QUALIFIER CODES
<b>A</b>	VALUE REPORTED IS THE MEAN ( AVERAGE) OF TWO OR MORE DETERMINATIONS.
<b>J</b>	<p>Estimated value, may not be accurate. Use of this code requires justification for its use and is used in the following situations:</p> <ol style="list-style-type: none"> <li>1. Exceeding of surrogate recovery limits.</li> <li>2. Existence of no quality control criteria for a component.</li> <li>3. Failure to meet established precision and accuracy criteria.</li> <li>4. Matrix interference.</li> <li>5. QUESTIONABLE DATA DUE TO IMPROPER FIELD OR LAB PROTOCOLS.</li> </ol> <p>"J" Values are exclusive and are not used in conjunction with other codes.</p>
<b>Q</b>	INDICATES THAT THE SAMPLE WAS PREPARED OR ANALYZED AFTER THE HOLDING TIME EXPIRED.
<b>U</b>	LESS THAN THE METHOD DETECTION LIMIT.
<b>V</b>	BLANK CONTAMINATION. RESULTS ARE VALID AND CAN BE REPORTED.
<b>*</b>	ANALYSIS WAS NOT PERFORMED DUE TO INTERFERENCE.

SYMBOLS	ADDITIONAL CODES THAT MAY HAVE BEEN USED FOR THIS REPORT
<b>R</b>	RE-SAMPLE.
<b>X</b>	TIME OF COLLECTION NOT PROVIDED
<b>#</b>	NO SAMPLE RECEIVED.

JG/ecc

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lenz Rd. Landfill</u>
WELL NO: <u>LRT-1</u>	SAMPLE ID: <u>6101# 60587400602</u> DATE: <u>2/21/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>21.63</u>	STATIC DEPTH TO WATER (ft): <u>5.09 (009)</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  
 = ( 21.63 - 5.09 ) x 0.16 = 2.65 ± 0.15 = 1 ft. h/wd

PURGE METHOD: <u>Peristaltic Pump</u>				PURGE INITIATED AT: <u>1011</u>		PURGE ENDED AT: <u>1123</u>		TOTAL VOL PURGED (gal): <u>13.25</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>104</u>	<u>2.65</u>	<u>2.65</u>	<u>0.15</u>	<u>-</u>							<u>sheen</u>
<u>1029</u>	<u>2.65</u>	<u>5.3</u>	<u>0.15</u>	<u>-</u>	<u>6.41</u>	<u>21.76</u>	<u>458</u>	<u>1.15</u>	<u>57.8</u>	<u>Orange</u>	<u>none</u>
<u>1047</u>	<u>2.65</u>	<u>7.95</u>	<u>0.15</u>	<u>-</u>	<u>6.36</u>	<u>21.89</u>	<u>495</u>	<u>1.36</u>	<u>25.9</u>		
<u>1105</u>	<u>2.65</u>	<u>10.6</u>	<u>0.15</u>	<u>-</u>	<u>6.29</u>	<u>21.94</u>	<u>503</u>	<u>1.39</u>	<u>7.58</u>		
<u>1123</u>	<u>2.65</u>	<u>13.25</u>	<u>0.15</u>	<u>-</u>	<u>6.27</u>	<u>22.15</u>	<u>506</u>	<u>1.14</u>	<u>3.14</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>				SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			
SAMPLING METHOD(S): <u>Peristaltic Pump</u>				SAMPLING INITIATED AT: <u>1124</u>		SAMPLING ENDED AT: <u>1135</u>	
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="radio"/> <u>(N)</u>			FIELD-FILTERED: <u>Y</u> <input checked="" type="radio"/> <u>(N)</u>			DUPLICATE: <u>Y</u> <input checked="" type="radio"/> <u>(N)</u>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.27</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.27</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.





# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Lena Rd. Landfill</i>
WELL NO: <i>LRII 4</i>	SAMPLE ID: <i>C10# 60586+60601</i> DATE: <i>2/20/03</i>

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>22.61</i>	STATIC DEPTH TO WATER (ft): <i>5.85 @ 0939</i>	WELL CAPACITY (gpm): <i>0.16</i>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (22.61 - 5.85) \times 0.16 = 2.68 \times 0.16 = 0.43 \text{ min/well}$			

PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>0949</i>		PURGE ENDED AT: <i>1043</i>		TOTAL VOL PURGED (gal): <i>0.72</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>0949</i>	<i>2.68</i>	<i>2.68</i>	<i>0.15</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>1007</i>	<i>2.68</i>	<i>5.36</i>	<i>0.15</i>	<i>-</i>	<i>6.10</i>	<i>22.66</i>	<i>579</i>	<i>1.22</i>	<i>12.2</i>	<i>light</i>	<i>none</i>
<i>1025</i>	<i>2.68</i>	<i>8.04</i>	<i>0.15</i>	<i>-</i>	<i>6.05</i>	<i>22.83</i>	<i>505</i>	<i>1.48</i>	<i>5.17</i>	<i>tan</i>	<i>-</i>
<i>1043</i>	<i>2.68</i>	<i>10.72</i>	<i>0.15</i>	<i>-</i>	<i>6.01</i>	<i>22.95</i>	<i>552</i>	<i>1.27</i>	<i>3.61</i>	<i>-</i>	<i>-</i>

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Peristaltic Pump</i>	SAMPLING INITIATED AT: <i>1044</i> SAMPLING ENDED AT: <i>1100</i>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N      DUPLICATE: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.2</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.01</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>LRTI-S</u>	SAMPLE ID: <u>60588+60603</u> DATE: <u>2/24/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>23.35</u>	STATIC DEPTH TO WATER (ft): <u>5.44 @ 1079</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} = (23.35 - 5.44) \times 0.16 = 2.81 \times 0.16 = 0.45 \text{ gal/ft}$			
PURGE METHOD: <u>Peristaltic Pump</u>		PURGE INITIATED AT: <u>1101</u>	PURGE ENDED AT: <u>1158</u>
			TOTAL VOL PURGED (gal): <u>11.48</u>

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1101</u>	<u>2.81</u>	<u>2.81</u>	<u>0.15</u>	-							
<u>1107</u>	<u>2.81</u>	<u>5.74</u>	<u>0.15</u>	-	<u>5.55</u>	<u>21.74</u>	<u>270</u>	<u>1.22</u>	<u>1.51</u>	<u>clear</u>	<u>none</u>
<u>1139</u>	<u>2.81</u>	<u>8.61</u>	<u>0.15</u>	-	<u>5.56</u>	<u>21.48</u>	<u>275</u>	<u>1.38</u>	<u>0.83</u>		
<u>1158</u>	<u>2.81</u>	<u>11.48</u>	<u>0.15</u>	-	<u>5.61</u>	<u>21.51</u>	<u>285</u>	<u>1.10</u>	<u>0.76</u>		

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic Pump</u>	SAMPLING INITIATED AT: <u>1159</u> SAMPLING ENDED AT: <u>1215</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="radio"/> <u>N</u>	FIELD-FILTERED: <u>Y</u> <input checked="" type="radio"/> <u>N</u> DUPLICATE: <u>Y</u> <input checked="" type="radio"/> <u>N</u>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>1.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.6</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.61</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>2.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>2.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lenz Rd. Landfill</u>
WELL NO: <u>Mw1</u>	SAMPLE ID: <u>C1</u> <del>1000</del> <u>60585</u>
DATE: <u>2/18/03</u>	

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>16.77</u>	STATIC DEPTH TO WATER (ft): <u>7.95 @ 1102</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =

$$= (16.77 - 7.95) \times 0.16 = 1.41 \div 0.15 = 9 \text{ min/ft}$$

PURGE METHOD: <u>Peristaltic Pump</u>	PURGE INITIATED AT: <u>1106</u>	PURGE ENDED AT: <u>1142</u>	TOTAL VOL PURGED (gal): <u>7.05</u>
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TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1106	1.41	1.41	0.15	-							clean
1115	1.41	2.82	0.15	-	5.11	20.67	259	0.95	189	14 yellow	none
1124	1.41	4.23	0.15	-	5.12	20.75	267	0.91	48.4		
1133	1.41	5.64	0.15	-	5.18	20.73	268	0.93	19.1		
1142	1.41	7.05	0.15	-	5.20	20.73	268	0.94	11.2		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic Pump</u>	SAMPLING INITIATED AT: <u>1143</u>
SAMPLING ENDED AT: <u>1155</u>	
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="radio"/> <u>N</u>	FIELD-FILTERED: <u>Y</u> <input checked="" type="radio"/> <u>N</u>
DUPLICATE: <u>Y</u> <input checked="" type="radio"/> <u>N</u>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
	Glass	40-ml	1:1 HCL	6 Drops	7.2	App. 1 Volatile
	Glass	40-ml	NONE	-----	5.20	EDB
	HDPE	1000ml	NONE	-----	5.20	TDS, CL, NO3
	HDPE	500ml	1:1 HNO3	1ml	7.2	FE, HG, NA
	HDPE	250ml	1:1 H2SO4	0.5ml	7.2	Total Ammonia - N

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Lena Rd. Landfill</i>
WELL NO: <i>Mw2</i>	SAMPLE ID: <i>C1</i> <del>60589</del> <i>60604</i>
DATE: <i>2/25/03</i>	

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>11.28</i>	STATIC DEPTH TO WATER (ft): <i>8.78 @ 11.48</i>	WELL CAPACITY (gallons): <i>0.16</i>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} = (11.28 - 8.78) \times 0.16 = 0.4 \times 0.16 = 3 \text{ min/well}$			

PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>1057</i>		PURGE ENDED AT: <i>1106</i>		TOTAL VOL PURGED (gal): <i>1.6</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1057</i>	<i>0.4</i>	<i>0.4</i>	<i>0.15</i>	<i>-</i>							<i>green</i>
<i>1100</i>	<i>0.4</i>	<i>0.8</i>	<i>0.15</i>	<i>-</i>	<i>5.99</i>	<i>22.05</i>	<i>910</i>	<i>1.16</i>	<i>2.21</i>	<i>yellow</i>	<i>none</i>
<i>1103</i>	<i>0.4</i>	<i>1.2</i>	<i>0.15</i>	<i>-</i>	<i>5.93</i>	<i>21.99</i>	<i>824</i>	<i>0.96</i>	<i>1.83</i>		
<i>1106</i>	<i>0.4</i>	<i>1.6</i>	<i>0.15</i>	<i>-</i>	<i>5.89</i>	<i>21.98</i>	<i>768</i>	<i>0.94</i>	<i>1.35</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>			SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		
SAMPLING METHOD(S): <i>Peristaltic Pump</i>			SAMPLING INITIATED AT: <i>1107</i>		SAMPLING ENDED AT: <i>1119</i>
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>		FIELD-FILTERED: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>		DUPLICATE: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>2</i>	<i>App. 1 Volatile</i>
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.89</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.89</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)



# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Lena Rd. landfill</i>
WELL NO: <i>MW 3</i>	SAMPLE ID: <i>C1</i> <del>606004</del> <i>60585</i>
DATE: <i>2/18/07</i>	

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>19.25</i>	STATIC DEPTH TO WATER (ft): <i>7.85 @ 1208</i>	WELL CAPACITY (gal/ft): <i>0.16</i>
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$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$   
 $= (19.25 - 7.85) \times 0.16 = 1.82 \times 0.16 = 1.2 \text{ min/w}$

PURGE METHOD: Peristaltic Pump				PURGE INITIATED AT: <i>1219</i>		PURGE ENDED AT: <i>1255</i>		TOTAL VOL PURGED (gal): <i>7.28</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1219</i>	<i>1.82</i>	<i>1.82</i>	<i>0.15</i>	-							
<i>1231</i>	<i>1.82</i>	<i>3.64</i>	<i>0.15</i>	-	<i>5.97</i>	<i>21.47</i>	<i>721</i>	<i>0.90</i>	<i>3.32</i>	<i>deep</i>	<i>none</i>
<i>1243</i>	<i>1.82</i>	<i>5.46</i>	<i>0.15</i>	-	<i>5.98</i>	<i>21.35</i>	<i>722</i>	<i>0.85</i>	<i>2.20</i>	<i>yellow</i>	
<i>1255</i>	<i>1.82</i>	<i>7.28</i>	<i>0.15</i>	-	<i>5.98</i>	<i>21.30</i>	<i>722</i>	<i>0.81</i>	<i>2.00</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Peristaltic Pump</i>	SAMPLING INITIATED AT: <i>1256</i>
SAMPLING ENDED AT: <i>1307</i>	FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N
FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	DUPLICATE: <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.98</i>	<i>EDB</i>
	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.98</i>	<i>TDS, CL, NO3</i>
	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>MW5</u>	SAMPLE ID: <u>C1 60589+60604</u> DATE: <u>2/25/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>21.26</u>	STATIC DEPTH TO WATER (ft): <u>8.47 @ 0936</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (21.26 - 8.47) \times 0.16 = 2.05 = 0.15 \text{ min/well}$			

PURGE METHOD: <u>Peristaltic Pump</u>				PURGE INITIATED AT: <u>0938</u>		PURGE ENDED AT: <u>1020</u>		TOTAL VOL PURGED (gal): <u>8.20</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0938</u>	<u>2.05</u>	<u>2.05</u>	<u>0.15</u>	-							<u>skew</u>
<u>0952</u>	<u>2.05</u>	<u>4.10</u>	<u>0.15</u>	-	<u>5.95</u>	<u>21.35</u>	<u>312</u>	<u>1.38</u>	<u>7.50</u>	<u>skew</u>	<u>none</u>
<u>1006</u>	<u>2.05</u>	<u>6.15</u>	<u>0.15</u>	-	<u>5.87</u>	<u>21.41</u>	<u>330</u>	<u>1.24</u>	<u>3.91</u>		
<u>1020</u>	<u>2.05</u>	<u>8.20</u>	<u>0.15</u>	-	<u>6.01</u>	<u>21.44</u>	<u>342</u>	<u>1.52</u>	<u>2.41</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>				SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			
SAMPLING METHOD(S): <u>Peristaltic Pump</u>				SAMPLING INITIATED AT: <u>1021</u>		SAMPLING ENDED AT: <u>1034</u>	
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/> (N)		FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> (N)		DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/> (N)			

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.0</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.0</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Lenz Rd. Landfill</i>
WELL NO: <i>MW1</i>	SAMPLE ID: <i>C1 60588 + 60603</i>
DATE: <i>2/24/03</i>	

PURGING DATA											
WELL DIAMETER (in): <i>2"</i>		TOTAL WELL DEPTH (ft): <i>21.8</i>			STATIC DEPTH TO WATER (ft): <i>5.00 @ 0838</i>			WELL CAPACITY (gal/ft): <i>0.16</i>			
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} = (21.8 - 5.00) \times 0.16 = 2.69 \text{ gal}$											
PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>0849</i>		PURGE ENDED AT: <i>0943</i>		TOTAL VOL PURGED (gal): <i>10.76</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>0849</i>	<i>2.69</i>	<i>2.69</i>	<i>0.15</i>	-							<i>None</i>
<i>0907</i>	<i>2.69</i>	<i>5.38</i>	<i>0.15</i>	-	<i>5.40</i>	<i>21.00</i>	<i>168</i>	<i>1.12</i>	<i>5.63</i>	<i>None</i>	<i>None</i>
<i>0925</i>	<i>2.69</i>	<i>8.07</i>	<i>0.15</i>	-	<i>5.38</i>	<i>21.18</i>	<i>169</i>	<i>1.01</i>	<i>4.39</i>	<i>None</i>	
<i>0943</i>	<i>2.69</i>	<i>10.76</i>	<i>0.15</i>	-	<i>5.30</i>	<i>21.23</i>	<i>172</i>	<i>1.08</i>	<i>3.58</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA											
SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>						SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>					
SAMPLING METHOD(S): <i>Peristaltic Pump</i>						SAMPLING INITIATED AT: <i>0944</i>			SAMPLING ENDED AT: <i>1010</i>		
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>				FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>				DUPLICATE: <input checked="" type="radio"/> <i>Y</i> <input type="radio"/> <i>N</i>			

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>S</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>S</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.30</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.30</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION: <i>Lena Rd. Landfill</i>
WELL NO: <i>CW4</i>	SAMPLE ID: <i>C1</i> <del>161004</del> <i>60585</i>
DATE: <i>2/18/07</i>	

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>15.0</i>	STATIC DEPTH TO WATER (ft): <i>248 @ 0947</i>	WELL CAPACITY (gal/ft): <i>0.16</i>
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$$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$$

$$= (15.0 - 2.48) \times 0.16 = 2.00 \times 0.16 = 0.32 \text{ gal}$$

PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>0953</i>		PURGE ENDED AT: <i>1032</i>		TOTAL VOL PURGED (gal): <i>13 min low</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>0953</i>	<i>2.48</i>	<i>2.48</i>	<i>0.15</i>								
<i>1006</i>	<i>2.48</i>	<i>4.96</i>	<i>0.15</i>		<i>6.53</i>	<i>18.92</i>	<i>1721</i>	<i>0.90</i>	<i>8.72</i>	<i>10 tan</i>	<i>none</i>
<i>1019</i>	<i>2.48</i>	<i>7.44</i>	<i>0.15</i>		<i>6.54</i>	<i>19.06</i>	<i>1657</i>	<i>0.85</i>	<i>2.54</i>		
<i>1032</i>	<i>2.48</i>	<i>9.92</i>	<i>0.15</i>		<i>6.57</i>	<i>19.15</i>	<i>1672</i>	<i>0.79</i>	<i>1.66</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Peristaltic Pump</i>	SAMPLING INITIATED AT: <i>1033</i>
SAMPLING ENDED AT: <i>1046</i>	
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>	FIELD-FILTERED: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>
DUPLICATE: <i>Y</i> <input checked="" type="checkbox"/> <i>(N)</i>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.57</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.57</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>CWS4</u>	SAMPLE ID: <u>C) <del>60600</del> + 60585</u>
DATE: <u>2/18/03</u>	

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>17.9</u>	STATIC DEPTH TO WATER (ft): <u>2.65 @ 0816</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (17.9 - 2.65) \times 0.16 = 2.44 \div 0.15 = 16 \text{ min/1 vol}$			

PURGE METHOD: <u>Peristaltic Pump</u>				PURGE INITIATED AT: <u>0822</u>		PURGE ENDED AT: <u>0910</u>		TOTAL VOL PURGED (gal): <u>9.76</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0822</u>	<u>2.44</u>	<u>2.44</u>	<u>0.15</u>	-							<u>Sheen</u>
<u>0838</u>	<u>2.44</u>	<u>4.88</u>	<u>0.15</u>	-	<u>6.61</u>	<u>20.72</u>	<u>747</u>	<u>1.77</u>	<u>1.91</u>	<u>Clear</u>	<u>None</u>
<u>0854</u>	<u>2.44</u>	<u>7.32</u>	<u>0.15</u>	-	<u>6.61</u>	<u>20.79</u>	<u>739</u>	<u>1.05</u>	<u>1.23</u>		
<u>0910</u>	<u>2.44</u>	<u>9.76</u>	<u>0.15</u>	-	<u>6.55</u>	<u>20.78</u>	<u>733</u>	<u>0.90</u>	<u>1.14</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>			SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>		
SAMPLING METHOD(S): <u>Peristaltic Pump</u>			SAMPLING INITIATED AT: <u>0911</u>		SAMPLING ENDED AT: <u>0926</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/> <u>(N)</u>		FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> <u>(N)</u>		DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/> <u>(N)</u>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.55</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.55</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>GC-1A</u>	SAMPLE ID: <u>GC-1A 60587+60602</u> DATE: <u>2/24/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>15.36</u>	STATIC DEPTH TO WATER (ft): <u>4.82 @ 0832</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (15.36 - 4.82) \times 0.16 = 1.69 \times 0.16 = 0.27 \text{ gal}$			

PURGE METHOD: <u>Peristaltic Pump</u>				PURGE INITIATED AT: <u>0838</u>		PURGE ENDED AT: <u>0922</u>		TOTAL VOL PURGED (gal): <u>8.45</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0838</u>	<u>1.69</u>	<u>1.69</u>	<u>0.15</u>	<u>/</u>							<u>shun</u>
<u>0849</u>	<u>1.69</u>	<u>3.38</u>	<u>0.15</u>	<u>/</u>	<u>6.29</u>	<u>18.07</u>	<u>407</u>	<u>1.22</u>	<u>55.5</u>	<u>trans. bk</u>	<u>none</u>
<u>0900</u>	<u>1.69</u>	<u>5.07</u>	<u>0.15</u>	<u>/</u>	<u>6.73</u>	<u>18.04</u>	<u>425</u>	<u>1.40</u>	<u>17.2</u>		
<u>0911</u>	<u>1.69</u>	<u>6.76</u>	<u>0.15</u>	<u>/</u>	<u>6.76</u>	<u>18.03</u>	<u>426</u>	<u>1.39</u>	<u>8.69</u>		
<u>0922</u>	<u>1.69</u>	<u>8.45</u>	<u>0.15</u>	<u>-</u>	<u>6.75</u>	<u>18.06</u>	<u>423</u>	<u>1.54</u>	<u>7.31</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic Pump</u>	SAMPLING INITIATED AT: <u>0923</u> SAMPLING ENDED AT: <u>0935</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/>	FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> <input type="checkbox"/> DUPLICATE: <u>Y</u> <input type="checkbox"/> <u>N</u> <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>6.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.75</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.75</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>6.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>6.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 This log does not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Lena Rd. Landfill</i>
WELL NO: <i>GC-2</i>	SAMPLE ID: <i>GC-2 60587+60602</i> DATE: <i>2/21/03</i>

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>18.55</i>	STATIC DEPTH TO WATER (ft): <i>6.07/1148</i>	WELL CAPACITY (gallons): <i>0.16</i>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (18.55 - 6.07) \times 0.16 = 2.00 \text{ gal} = 0.15 \text{ min/wv}$			

PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>1210</i>		PURGE ENDED AT: <i>1249</i>		TOTAL VOL PURGED (gal): <i>8.00</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1210</i>	<i>2.00</i>	<i>2.00</i>	<i>0.15</i>	<i>-</i>							
<i>1223</i>	<i>2.00</i>	<i>4.00</i>	<i>0.15</i>	<i>-</i>	<i>6.41</i>	<i>22.62</i>	<i>436</i>	<i>1.53</i>	<i>13.8</i>	<i>brownish</i>	<i>none</i>
<i>1236</i>	<i>2.00</i>	<i>6.00</i>	<i>0.15</i>	<i>-</i>	<i>6.44</i>	<i>22.81</i>	<i>444</i>	<i>1.64</i>	<i>2.74</i>	<i>Tan</i>	
<i>1249</i>	<i>2.00</i>	<i>8.00</i>	<i>0.15</i>	<i>-</i>	<i>6.33</i>	<i>22.91</i>	<i>449</i>	<i>1.55</i>	<i>2.64</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>
SAMPLING METHOD(S): <i>Peristaltic Pump</i>	SAMPLING INITIATED AT: <i>1250</i> SAMPLING ENDED AT: <i>1302</i>
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="radio"/> <i>N</i>	FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i> DUPLICATE: <i>Y</i> <input checked="" type="radio"/> <i>N</i>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.33</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.33</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>GC-3</u>	SAMPLE ID: <u>GC# 60587 &amp; 60602</u> DATE: <u>2/21/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>23.29</u>	STATIC DEPTH TO WATER (ft): <u>5.77</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY}$ $= (23.28 - 5.77) \times 0.16 = 2.80 \times 0.16 = 19 \text{ min/lwr}$			

PURGE METHOD: <u>Peristaltic Pump</u>			PURGE INITIATED AT: <u>1333</u>		PURGE ENDED AT: <u>1430</u>		TOTAL VOL PURGED (gal): <u>11.2</u>				
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1333</u>	<u>2.80</u>	<u>2.80</u>	<u>0.15</u>	<u>-</u>							<u>Sheep</u>
<u>1352</u>	<u>2.80</u>	<u>5.6</u>	<u>0.15</u>	<u>-</u>	<u>6.50</u>	<u>23.37</u>	<u>526</u>	<u>1.65</u>	<u>19.9</u>	<u>Light</u>	<u>None</u>
<u>1411</u>	<u>2.80</u>	<u>8.4</u>	<u>0.15</u>	<u>-</u>	<u>6.57</u>	<u>23.54</u>	<u>532</u>	<u>1.67</u>	<u>10.2</u>	<u>Tan</u>	
<u>1430</u>	<u>2.80</u>	<u>11.2</u>	<u>0.15</u>	<u>-</u>	<u>6.45</u>	<u>23.41</u>	<u>516</u>	<u>1.58</u>	<u>6.09</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic Pump</u>	SAMPLING INITIATED AT: <u>1431</u> SAMPLING ENDED AT: <u>1442</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>	FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u> DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/> <u>N</u>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.45</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>6.45</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.



# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd. Landfill</u>
WELL NO: <u>Gc-4A</u>	SAMPLE ID: <u>C1</u> <del>60589</del> <u>60604</u>
DATE: <u>2/25/03</u>	

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>149</u>	STATIC DEPTH TO WATER (ft): <u>6.89</u> <del>140</del>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (149 - 6.89) \times 0.16 = 128 - 0.15 = 9 \text{ min/well}$			

PURGE METHOD: <u>Peristaltic Pump</u>				PURGE INITIATED AT: <u>1145</u>		PURGE ENDED AT: <u>1221</u>		TOTAL VOL PURGED (gal): <u>6.4</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1145</u>	<u>1.28</u>	<u>1.28</u>	<u>0.15</u>	-							<u>Strong</u>
<u>1154</u>	<u>1.28</u>	<u>2.56</u>	<u>0.15</u>	-	<u>6.6</u>	<u>21.48</u>	<u>410</u>	<u>1.81</u>	<u>402 *</u>	<u>Muddy</u>	<u>None</u>
<u>1203</u>	<u>1.28</u>	<u>3.84</u>	<u>0.15</u>	-	<u>5.78</u>	<u>21.42</u>	<u>472</u>	<u>1.21</u>	<u>209 *</u>		
<u>1212</u>	<u>1.28</u>	<u>5.12</u>	<u>0.15</u>	-	<u>5.62</u>	<u>21.53</u>	<u>462</u>	<u>0.95</u>	<u>670 *</u>		
<u>1221</u>	<u>1.28</u>	<u>6.4</u>	<u>0.15</u>	-	<u>5.58</u>	<u>21.75</u>	<u>440</u>	<u>0.90</u>	<u>267 *</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>		SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	
SAMPLING METHOD(S): <u>Peristaltic Pump</u>		SAMPLING INITIATED AT: <u>1222</u>	SAMPLING ENDED AT: <u>1241</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/>	FIELD-FILTERED: <u>Y</u> <input checked="" type="radio"/> <u>N</u> <input type="radio"/>	DUPLICATE: <input checked="" type="radio"/> <u>Y</u> <input type="radio"/> <u>N</u>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>1</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>4</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.58</u>	<u>EDB</u>
<u>2</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.58</u>	<u>TDS, CL, NO3</u>
<u>2</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>2</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS: New well, new location, around corner of Road \*dibuted

From old well

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

...at constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <i>Leak Rd. Landfill</i>
WELL NO: <i>GCS</i>	SAMPLE ID: <i>C1</i> <del>60588</del> <i>60603</i> DATE: <i>2/24/07</i>

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>21.6</i>	STATIC DEPTH TO WATER (ft): <i>6.95/237</i>	WELL CAPACITY (gallons): <i>0.16</i>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (21.6 - 6.95) \times 0.16 = 2.34 \times 0.16 = 0.3744 \text{ gal}$			

PURGE METHOD: <i>Peristaltic Pump</i>				PURGE INITIATED AT: <i>1239</i>		PURGE ENDED AT: <i>1327</i>		TOTAL VOL PURGED (gal): <i>9.36</i>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>1239</i>	<i>2.34</i>	<i>2.34</i>	<i>0.15</i>	-							<i>sheen</i>
<i>1255</i>	<i>2.34</i>	<i>4.68</i>	<i>0.15</i>	-	<i>6.34</i>	<i>23.61</i>	<i>521</i>	<i>1.01</i>	<i>5.82</i>	<i>grey</i>	<i>none</i>
<i>1311</i>	<i>2.34</i>	<i>7.02</i>	<i>0.15</i>	-	<i>6.33</i>	<i>23.79</i>	<i>532</i>	<i>1.08</i>	<i>1.60</i>	<i>greenish</i>	
<i>1327</i>	<i>2.34</i>	<i>9.36</i>	<i>0.15</i>	-	<i>6.34</i>	<i>23.86</i>	<i>538</i>	<i>1.00</i>	<i>0.65</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>		SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>	
SAMPLING METHOD(S): <i>Peristaltic Pump</i>		SAMPLING INITIATED AT: <i>1328</i>	
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="radio"/> <i>N</i>		FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i>	
		DUPLICATE: <i>Y</i> <input checked="" type="radio"/> <i>N</i>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>2</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.74</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>6.34</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION: <i>Lena Rd. Landfill</i>
WELL NO: <i>GC-6</i>	SAMPLE ID: <i>GC# 60589# 60604</i> DATE: <i>2/25/03</i>

### PURGING DATA

WELL DIAMETER (in): <i>2"</i>	TOTAL WELL DEPTH (ft): <i>21.4</i>	STATIC DEPTH TO WATER (ft): <i>7.70 @ 6803</i>	WELL CAPACITY (gal/ft): <i>0.16</i>	
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (21.4 - 7.70) \times 0.16 = 21.4 \times 0.1525 = 3.26 \text{ gal}$				
PURGE METHOD: <i>Peristaltic Pump</i>		PURGE INITIATED AT: <i>0806</i>	PURGE ENDED AT: <i>0851</i>	TOTAL VOL PURGED (gal):

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<i>0806</i>	<i>2.19</i>	<i>2.19</i>	<i>0.15</i>	<i>-</i>							<i>Shen</i>
<i>0821</i>	<i>2.19</i>	<i>4.38</i>	<i>0.15</i>	<i>-</i>	<i>5.48</i>	<i>21.75</i>	<i>251</i>	<i>1.27</i>	<i>3.42</i>	<i>Slight</i>	<i>none</i>
<i>0836</i>	<i>2.19</i>	<i>6.57</i>	<i>0.15</i>	<i>-</i>	<i>5.45</i>	<i>21.84</i>	<i>260</i>	<i>1.07</i>	<i>2.47</i>	<i>Straw</i>	
<i>0851</i>	<i>2.19</i>	<i>8.76</i>	<i>0.15</i>	<i>-</i>	<i>5.60</i>	<i>22.12</i>	<i>272</i>	<i>0.95</i>	<i>2.48</i>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>PELA / Steven Helms</i>				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			
SAMPLING METHOD(S): <i>Peristaltic Pump</i>				SAMPLING INITIATED AT: <i>0852</i>		SAMPLING ENDED AT: <i>0906</i>	
FIELD DECONTAMINATION: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>			FIELD-FILTERED: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>			DUPLICATE: <i>Y</i> <input checked="" type="radio"/> <i>N</i> <input type="radio"/>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<i>3</i>	<i>Glass</i>	<i>40-ml</i>	<i>1:1 HCL</i>	<i>6 Drops</i>	<i>7.2</i>	<i>App. 1 Volatile</i>
<i>3</i>	<i>Glass</i>	<i>40-ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.60</i>	<i>EDB</i>
<i>1</i>	<i>HDPE</i>	<i>1000ml</i>	<i>NONE</i>	<i>-----</i>	<i>5.60</i>	<i>TDS, CL, NO3</i>
<i>1</i>	<i>HDPE</i>	<i>500ml</i>	<i>1:1 HNO3</i>	<i>1ml</i>	<i>7.2</i>	<i>FE, HG, NA</i>
<i>1</i>	<i>HDPE</i>	<i>250ml</i>	<i>1:1 H2SO4</i>	<i>0.5ml</i>	<i>7.2</i>	<i>Total Ammonia - N</i>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME:	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA-2</u>	SAMPLE ID: <u>610160587+60602</u> DATE: <u>2/21/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>130</u>	STATIC DEPTH TO WATER (ft): <u>16.48 @ 1149</u>	WELL CAPACITY (gpm): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  $(130 - 16.48) \times 0.16 = 18.16 \times 3.3 = 60 \text{ min / well}$

PURGE METHOD: Fultz Pump PURGE INITIATED AT: 1214 PURGE ENDED AT: 1232 TOTAL VOL PURGED (gal): 72.64

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	PH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1214</u>	<u>18.16</u>	<u>18.16</u>	<u>3.3</u>	-							
<u>1220</u>	<u>18.16</u>	<u>36.32</u>	<u>3.3</u>	-	<u>7.09</u>	<u>24.68</u>	<u>510</u>	<u>1.60</u>	<u>1.72</u>	<u>114</u>	<u>None</u>
<u>1226</u>	<u>18.16</u>	<u>54.48</u>	<u>3.3</u>	-	<u>7.28</u>	<u>24.49</u>	<u>560</u>	<u>1.59</u>	<u>1.84</u>		
<u>1232</u>	<u>18.16</u>	<u>72.64</u>	<u>3.3</u>	-	<u>7.31</u>	<u>24.42</u>	<u>581</u>	<u>1.40</u>	<u>2.56</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Fultz Pump</u>	SAMPLING INITIATED AT: <u>1233</u> SAMPLING ENDED AT: <u>1239</u>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App: 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.31</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.31</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA-3</u>	SAMPLE ID: <u>C10# 60587+60602</u> DATE: <u>2/2/07</u>

### PURGING DATA

WELL DIAMETER (in): <u>4"</u>	TOTAL WELL DEPTH (ft): <u>52.8</u>	STATIC DEPTH TO WATER (ft): <u>16.02 @ 1328</u>	WELL CAPACITY (gal/ft): <u>0.65 @ 0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  
 $= (52.8 - 16.02) \times 0.65 = 23.9 \times 0.65 = 15.5375 \text{ gal}$

PURGE METHOD: <u>Fultz Pump</u>			PURGE INITIATED AT: <u>1340</u>			PURGE ENDED AT: <u>1401</u>			TOTAL VOL PURGED (gal): <u>95.6</u>		
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1340</u>	<u>23.9</u>	<u>23.9</u>	<u>3.3</u>	-							
<u>1341</u>	<u>23.9</u>	<u>47.8</u>	<u>3.3</u>	-	<u>7.79</u>	<u>24.41</u>	<u>479</u>	<u>1.63</u>	<u>12.4</u>	<u>Clean</u>	<u>none</u>
<u>1354</u>	<u>23.9</u>	<u>71.7</u>	<u>3.3</u>	-	<u>7.61</u>	<u>24.29</u>	<u>520</u>	<u>1.54</u>	<u>7.88</u>	<u>Clean</u>	
<u>1401</u>	<u>23.9</u>	<u>95.6</u>	<u>3.3</u>	-	<u>7.45</u>	<u>24.43</u>	<u>520</u>	<u>1.40</u>	<u>3.57</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>		SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>	
SAMPLING METHOD(S): <u>Fultz Pump</u>		SAMPLING INITIATED AT: <u>1402</u>	
SAMPLING ENDED AT: <u>1406</u>		DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/>	
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/> N <input type="checkbox"/>		FIELD-FILTERED: <u>Y</u> <input checked="" type="checkbox"/> N <input type="checkbox"/>	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App: 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.45</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.45</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA-4</u>	SAMPLE ID: <u>C1</u> <u>60587x60602</u> DATE: <u>2/21/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>153.4</u>	STATIC DEPTH TO WATER (ft): <u>12.72 @ 0833</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  

$$= (153.4 - 12.72) \times 0.16 = 22.5 \div 3.3 = 7 \text{ minutes}$$

PURGE METHOD: <u>Fultz Pump</u>				PURGE INITIATED AT: <u>0844</u>		PURGE ENDED AT: <u>0912</u>		TOTAL VOL PURGED (gal): <u>112.5</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0844</u>	<u>22.5</u>	<u>22.5</u>	<u>3.3</u>	<u>-</u>							<u>sheen</u>
<u>0851</u>	<u>22.5</u>	<u>45</u>	<u>3.3</u>	<u>-</u>	<u>7.37</u>	<u>22.40</u>	<u>718</u>	<u>1.94</u>	<u>2.93</u>	<u>clear</u>	<u>none</u>
<u>0858</u>	<u>22.5</u>	<u>67.5</u>	<u>3.3</u>	<u>-</u>	<u>7.42</u>	<u>22.88</u>	<u>718</u>	<u>1.35</u>	<u>11.9</u>		
<u>0905</u>	<u>22.5</u>	<u>90</u>	<u>3.3</u>	<u>-</u>	<u>7.44</u>	<u>23.08</u>	<u>714</u>	<u>1.41</u>	<u>7.93</u>		
<u>0912</u>	<u>22.5</u>	<u>112.5</u>	<u>3.3</u>	<u>-</u>	<u>7.42</u>	<u>23.07</u>	<u>711</u>	<u>1.78</u>	<u>3.48</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>				SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			
SAMPLING METHOD(S): <u>Fultz Pump</u>				SAMPLING INITIATED AT: <u>0913</u>		SAMPLING ENDED AT: <u>0919</u>	
FIELD DECONTAMINATION: <u>Y</u> <u>N</u>		FIELD-FILTERED: <u>Y</u> <u>N</u>		DUPLICATE: <u>Y</u> <u>N</u>			

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App: 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.42</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.42</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

\*The above do not constitute all of the information required by Chapter 62-160, F.A.C.



# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA-6</u>	SAMPLE ID: <u>C1</u> <del>60586</del> & <u>60601</u> DATE: <u>2/20/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>154.7</u>	STATIC DEPTH TO WATER (ft): <u>16.8 @ 1250</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  
 $= (154.7 - 16.8) \times 0.16 = 22.16 \times 3.3 = 7 \text{ min/lwr}$

PURGE METHOD: <u>Fultz Pump</u>			PURGE INITIATED AT: <u>1257</u>		PURGE ENDED AT: <u>1318</u>		TOTAL VOL PURGED (gal): <u>88.64</u>				
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	GBGR
<u>1257</u>	<u>22.16</u>	<u>22.16</u>	<u>3.3</u>	<u>-</u>							<u>Sheet</u>
<u>1304</u>	<u>22.16</u>	<u>44.32</u>	<u>3.3</u>	<u>-</u>	<u>7.39</u>	<u>24.21</u>	<u>799</u>	<u>1.47</u>	<u>19.9</u>	<u>Hg24</u>	<u>none</u>
<u>1311</u>	<u>22.16</u>	<u>66.48</u>	<u>3.3</u>	<u>-</u>	<u>7.29</u>	<u>24.40</u>	<u>859</u>	<u>1.23</u>	<u>8.90</u>		
<u>1318</u>	<u>22.16</u>	<u>88.64</u>	<u>3.3</u>	<u>-</u>	<u>7.21</u>	<u>24.39</u>	<u>853</u>	<u>1.37</u>	<u>6.38</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>			SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			
SAMPLING METHOD(S): <u>Fultz Pump</u>			SAMPLING INITIATED AT: <u>1319</u>		SAMPLING ENDED AT: <u>1326</u>	
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App: 1 Volatile</u>
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.21</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>7.21</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.



# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA-7</u>	SAMPLE ID: <u>C10# 60586 + 60601</u> DATE: <u>2/20/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>136.5</u>	STATIC DEPTH TO WATER (ft): <u>6.47 @ 118</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =  

$$= (136.5 - 6.47) \times 0.16 = 19.20 \times 3.3 = 6 \text{ min/wv}$$

PURGE METHOD: <u>Fultz Pump</u>				PURGE INITIATED AT: <u>1133</u>		PURGE ENDED AT: <u>1157</u>		TOTAL VOL PURGED (gal): <u>96.0</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>1133</u>	<u>19.0</u>	<u>19.0</u>	<u>3.3</u>	<u>-</u>							
<u>1139</u>	<u>19.0</u>	<u>38.0</u>	<u>3.3</u>	<u>-</u>	<u>11.02</u>	<u>24.74</u>	<u>691</u>	<u>2.38</u>	<u>6.65</u>	<u>Clear</u>	<u>None</u>
<u>1145</u>	<u>19.0</u>	<u>57.0</u>	<u>3.3</u>	<u>-</u>	<u>10.84</u>	<u>24.31</u>	<u>593</u>	<u>1.39</u>	<u>4.94</u>		
<u>1151</u>	<u>19.0</u>	<u>76.0</u>	<u>3.3</u>	<u>-</u>	<u>8.74</u>	<u>24.44</u>	<u>474</u>	<u>1.35</u>	<u>4.45</u>		
<u>1157</u>	<u>19.0</u>	<u>96.0</u>	<u>3.3</u>	<u>-</u>	<u>8.26</u>	<u>24.52</u>	<u>491</u>	<u>1.38</u>	<u>2.84</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>				SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>			
SAMPLING METHOD(S): <u>Fultz Pump</u>				SAMPLING INITIATED AT: <u>1157</u>		SAMPLING ENDED AT: <u>1206</u>	
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N			DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>8.26</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>8.26</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SA8</u>	SAMPLE ID: <u>C1 # 60586 + 60601</u> DATE: <u>2/20/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>102.3</u>	STATIC DEPTH TO WATER (ft): <u>17.88 @ 0940</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
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1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =

= ( 102.3 - 17.88 ) x 0.16 = 13.51 <sup>3.3'</sup> 4 min / 13.51

PURGE METHOD: <u>Fultz Pump</u>	PURGE INITIATED AT: <u>0951</u>	PURGE ENDED AT: <u>1007</u>	TOTAL VOL PURGED (gal): <u>67.55</u>
---------------------------------	---------------------------------	-----------------------------	--------------------------------------

TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0951</u>	<u>13.51</u>	<u>13.51</u>	<u>3.3</u>	<u>-</u>							<u>slimy</u>
<u>0955</u>	<u>13.51</u>	<u>27.02</u>	<u>3.3</u>	<u>-</u>	<u>11.55</u>	<u>24.28</u>	<u>1756</u>	<u>3.53</u>	<u>27.0</u>	<u>Clear</u>	<u>None</u>
<u>0959</u>	<u>13.51</u>	<u>40.53</u>	<u>3.3</u>	<u>-</u>	<u>11.75</u>	<u>24.09</u>	<u>2549</u>	<u>2.27</u>	<u>28.1</u>	<u>5H</u>	
<u>1003</u>	<u>13.51</u>	<u>54.04</u>	<u>3.3</u>	<u>-</u>	<u>11.85</u>	<u>24.08</u>	<u>2762</u>	<u>1.76</u>	<u>24.8</u>	<u>Heavy</u>	
<u>1007</u>	<u>13.51</u>	<u>67.55</u>	<u>3.3</u>	<u>-</u>	<u>11.80</u>	<u>24.11</u>	<u>2711</u>	<u>1.47</u>	<u>37.5</u>		

WELL CAPACITY (Gallons per Foot): 0.75' = 0.02; 1' = 0.04; 1.25' = 0.06; 2' = 0.16; 3' = 0.37; 4' = 0.65; 5' = 1.02; 6' = 1.47; 12' = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>	SAMPLER(S) SIGNATURE(S):
SAMPLING METHOD(S): <u>Fultz Pump</u>	SAMPLING INITIATED AT: <u>1008</u> SAMPLING ENDED AT: <u>1017</u>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N      DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>6.2</u>	<u>App: 1 Volatile</u>
<u>3</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>11.80</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>11.80</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>6.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5 ml</u>	<u>6.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Leak Rd. Landfill</u>
WELL NO: <u>SMR 1</u>	SAMPLE ID: <u>61060586+60601</u>
DATE: <u>2/26/03</u>	

<b>PURGING DATA</b>			
WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>23.27</u>	STATIC DEPTH TO WATER (ft): <u>5.61 @ 0801</u>	WELL CAPACITY (gal/ft): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY} =$ $= (23.27 - 5.61) \times 0.16 = 2.83 \text{ gal} \times 0.16 = 19 \text{ min/well}$			

PURGE METHOD: <u>Peristaltic Pump</u>			PURGE INITIATED AT: <u>0808</u>			PURGE ENDED AT: <u>0905</u>			TOTAL VOL PURGED (gal): <u>11.32</u>		
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
<u>0808</u>	<u>2.83</u>	<u>2.83</u>	<u>0.15</u>	-							
<u>0827</u>	<u>2.83</u>	<u>5.66</u>	<u>0.15</u>	-	<u>5.65</u>	<u>20.66</u>	<u>142</u>	<u>1.63</u>	<u>13.6</u>	<u>light</u>	<u>none</u>
<u>0846</u>	<u>2.83</u>	<u>8.49</u>	<u>0.15</u>	-	<u>5.78</u>	<u>20.83</u>	<u>153</u>	<u>1.50</u>	<u>7.66</u>	<u>straw</u>	
<u>0905</u>	<u>2.83</u>	<u>11.32</u>	<u>0.15</u>	-	<u>5.69</u>	<u>26.01</u>	<u>165</u>	<u>1.18</u>	<u>4.60</u>		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

<b>SAMPLING DATA</b>			
SAMPLED BY (PRINT) / AFFILIATION: <u>PELA / Steven Helms</u>			SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Peristaltic Pump</u>			SAMPLING INITIATED AT: <u>0906</u>
FIELD DECONTAMINATION: <u>Y</u> <input checked="" type="checkbox"/>			SAMPLING ENDED AT: <u>0919</u>
FIELD FILTERED: <u>Y</u> <input checked="" type="checkbox"/>			DUPLICATE: <u>Y</u> <input checked="" type="checkbox"/>

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>1:1 HCL</u>	<u>6 Drops</u>	<u>7.2</u>	<u>App. 1 Volatile</u>
<u>2</u>	<u>Glass</u>	<u>40-ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.64</u>	<u>EDB</u>
<u>1</u>	<u>HDPE</u>	<u>1000ml</u>	<u>NONE</u>	<u>-----</u>	<u>5.69</u>	<u>TDS, CL, NO3</u>
<u>1</u>	<u>HDPE</u>	<u>500ml</u>	<u>1:1 HNO3</u>	<u>1ml</u>	<u>7.2</u>	<u>FE, HG, NA</u>
<u>1</u>	<u>HDPE</u>	<u>250ml</u>	<u>1:1 H2SO4</u>	<u>0.5ml</u>	<u>7.2</u>	<u>Total Ammonia - N</u>

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

# P. E. LAMOREAUX & ASSOC., INC.

## GROUNDWATER SAMPLING LOG

SITE NAME	SITE LOCATION: <u>Lena Rd Landfill</u>
WELL NO: <u>SMR 2</u>	SAMPLE ID: <u>G1</u> <u>60584-60601</u> DATE: <u>2/20/03</u>

### PURGING DATA

WELL DIAMETER (in): <u>2"</u>	TOTAL WELL DEPTH (ft): <u>154.5</u>	STATIC DEPTH TO WATER (ft): <u>18.76 @ 0802</u>	WELL CAPACITY (gpm): <u>0.16</u>
$1 \text{ WELL VOLUME (gal)} = (\text{TOTAL WELL DEPTH} - \text{DEPTH TO WATER}) \times \text{WELL CAPACITY}$ $= (154.5 - 18.76) \times 0.16 = 21.72 = 3.3 = 7 \text{ min/wv}$			

PURGE METHOD: <u>Fultz Pump</u>				PURGE INITIATED AT: <u>0814</u>		PURGE ENDED AT: <u>0842</u>		TOTAL VOL PURGED (gal): <u>108.6</u>			
TIME	VOLUME PURGED (gal)	CUMUL VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0814	21.72	21.72	3.3	-							free
0821	21.72	43.44	3.3	-	7.44	23.10	684	2.02	2.48	Clear	none
0828	21.72	65.16	3.3	-	7.48	23.12	684	1.40	9.47		
0835	21.72	86.88	3.3	-	7.52	23.48	684	1.66	4.33		
0842	21.72	108.6	3.3	-	7.51	23.59	685	1.69	2.35		

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

### SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>PELA/ Steven Helms</u>	SAMPLER(S) SIGNATURE(S): <u>[Signature]</u>
SAMPLING METHOD(S): <u>Fultz Pump</u>	SAMPLING INITIATED AT: <u>0843</u> SAMPLING ENDED AT: <u>0853</u>
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	Glass	40-ml	1:1 HCL	6 Drops	7.2	App. 1 Volatile
2	Glass	40-ml	NONE	-----	7.51	EDB
1	HDPE	1000ml	NONE	-----	7.51	TDS, CL, NO3
1	HDPE	500ml	1:1 HNO3	1ml	7.2	FE, HG, NA
1	HDPE	250ml	1:1 H2SO4	0.5 ml	7.2	Total Ammonia - N

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)  
 NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.  
 0302060586

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

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

INVOICING ADDRESS: **No 0602**  
 ATTN:  
 CLIENT:  
 ADDRESS:

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS									PAGE		OF					
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS				NTU				
PROJECT NO.		PURCHASE ORDER NO.										SC (umhos/cm)	pH	TEMP (°C)	D.O.					
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																
Jeff Goodwin				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER																
SAMPLER NAME(S)		S. Helms, S. Wood		PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)LFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER																
SAMPLING		SAMPLE IDENTIFICATION																		
DATE	TIME																			
2/21/03	1044	SA-5		1	P	I	1	P	N	1	P	Su	16.64	1006	clear/none	682	7.38	24.15	1.39	1.38
-	1135	LRII-1		"	"	"	"	"	"	"	"	"	5.09	1005	orange/none	506	6.27	22.15	1.14	3.14
-	1239	SA-2		"	"	"	"	"	"	"	"	"	16.48	1149	clear/none	581	7.31	24.42	1.40	2.56
"	1302	GC-2		"	"	"	"	"	"	"	"	"	6.07	1148	brown/tan/none	449	6.33	22.91	1.55	2.04
"	1406	SA-3		"	"	"	"	"	"	"	"	"	16.02	1328	clear/none	570	7.45	24.43	1.40	3.57
"	1442	GC-3		"	"	"	"	"	"	"	"	"	5.77	1327	tan/none	526	6.45	23.41	1.58	6.09
"	0919	SA-4		"	"	"	"	"	"	"	"	"	12.72	0833	clear/none	711	7.42	23.07	1.38	3.48
"	0935	GC-1A		"	"	"	"	"	"	"	"	"	4.82	0832	orange/none	423	6.75	18.04	1.54	31
"	-	Duplicate		"	"	"	"	"	"	"	"	"								
"	1139	Equip Blank		"	"	"	"	"	"	"	"	"								

RELINQUISHED BY: *[Signature]* DATE: 2/21/03 TIME: 1535 RECEIVED BY: *[Signature]* RELINQUISHED BY: DATE: TIME: RECEIVED BY:

**FOR PELA LABORATORY USE ONLY** LABORATORY REMARKS  
 RECEIVED FOR LAB DATE TIME WORK ORDER #



REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

**NO 00597**

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE	OF							
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		App. 1 Volatile	EDB	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS				NT				
PROJECT NO.		PURCHASE ORDER NO.									SC (umhos/cm)	pH	TEMP (°C)	D.O.					
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE															
SAMPLER NAME(S)				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER															
S. Helms, <i>Susrod</i>				PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)OTHER															
SAMPLING		SAMPLE IDENTIFICATION		TYPE: (W)WATER (S)OIL (O)OTHER	2	G	H	2	G	I	16.64	1006	Clear	none	682	7.38	24.15	1.39	1.38
DATE	TIME																		
2/26/03	10:44	SA-5	KD02705/2706								5.09	1005	Orangeish	none	506	6.27	22.15	1.14	3.14
	11:35	LRII-1	KD02707/2708								16.48	1149	Clear	none	581	7.31	24.42	1.40	2.56
	12:39	SA-2	KD02709/2710								6.07	1148	brown/tan	none	449	6.33	22.91	1.55	2.04
	13:02	GC-2	KD02711/2712								16.02	1328	Clear	none	570	7.45	24.43	1.40	3.57
	14:06	SA-3	KD02713/2714								5.77	1327	Light Tan	none	526	6.45	23.41	1.58	6.09
	14:42	GC-3	KD02715/2716								12.72	0833	Clear	none	711	7.42	23.07	1.38	3.48
	09:19	SA-4	KD02717/2718								4.82	0832	orangeish	none	423	6.75	18.06	1.54	3.1
	09:35	GC-1A	KD02719/2720																
	-	Duplicate	KD02721/2722																
	11:54	Equip Blank	KD02723/2724																
	06:20	T.P. Blank	KD02725																

RELINQUISHED BY: <i>[Signature]</i>	DATE: 2/26/03	TIME: 1725	RECEIVED BY:	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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<b>FOR PELA LABORATORY USE ONLY</b>				<b>LABORATORY REMARKS</b>			
RECEIVED FOR LAB	DATE: 2/26/03	TIME: 1725	WORK ORDER #	6-0236-0507			



NO 0587

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

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

INVOICING ADDRESS:  
 ATTN:  
 CLIENT:  
 ADDRESS:

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE	OF						
Semi Annual GMM'S 1st Event		Lena Rd. Landfill		App. 1 Volatile	EDB	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS				NT				
PROJECT NO.		PURCHASE ORDER NO.								SC (ummos/cm)	PH	TEMP (°C)	D.O.					
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE														
Jeff Goodwin				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER														
SAMPLER NAME(S)				PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)HYDROCHLORIC (I)CED (O)OTHER														
S. Helms <i>S. Ward</i>																		
SAMPLING		SAMPLE IDENTIFICATION																
DATE	TIME																	
2/2/03	12:44	SA-5	K002705/2706	2	G	H	2	G	I	16.64	1006	Clear	None	682	7.38	24.15	1.39	1.38
	11:35	LRII-1	K002707/2708							5.09	1005	Orangeish	None	506	6.27	22.15	1.14	3.14
	12:34	SA-2	K002709/2710							16.48	1149	Clear	None	581	7.31	24.42	1.40	2.56
	13:02	GC-2	K002711/2712							6.07	1148	brownish	None	449	6.33	22.91	1.55	2.04
	14:06	SA-3	K002713/2714							16.02	1328	Clear	None	570	7.45	24.43	1.40	3.57
	14:12	GC-3	K002715/2716							5.77	1327	Light Tan	None	526	6.45	23.41	1.58	6.09
	09:19	SA-4	K002717/2718							12.72	0833	Clear	None	711	7.42	23.07	1.39	3.47
	09:33	GC 1A	K002719/2720							4.82	0832	Orangeish	None	423	6.75	18.06	1.54	3.1
	-	Duplicate	K002721/2722															
	11:54	Equip Blank	K002723/2724															
	06:20	T.P. Blank	K002725															

RELINQUISHED BY: <i>[Signature]</i>	DATE: 2/2/03	TIME: 17:25	RECEIVED BY:	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				

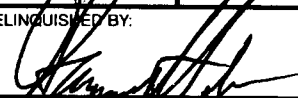


REPORTING AGENCY: \_\_\_\_\_  
 ATTN: \_\_\_\_\_  
 CLIENT: Manatee Co.  
 ADDRESS: \_\_\_\_\_

**P.E. LaMor & Associates**  
**4320 Old Highway 37**  
**Lakeland, Florida 33813**  
**(863) 646-8526**  
**CHAIN OF CUSTODY**

INVOICING ADDRESS: **No J603**  
 ATTN: \_\_\_\_\_  
 CLIENT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS								PAGE		OF	
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS			
PROJECT NO.		PURCHASE ORDER NO.										SC (umhos/cm)	pH	TEMP (°C)	D.O.
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE											
Jeff Goodwin				CONTAINER TYPES: (P)LASTIC (G)LASS (O)THER PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)CED (O)THER											
SAMPLER NAME(S)		S. Helms													
SAMPLING		SAMPLE IDENTIFICATION													
DATE	TIME			1 P I	1 P N	1 P su									
2/24/03	10	Mw 6		1	1	1	5.00	0838	clear/none	172	5.30	21.23	1.08	3.58	
"	125	LRII-S		"	"	"	5.44	1039	clear/none	285	5.61	21.51	1.00	0.76	
"	1311	GC-S		"	"	"	6.95	1237	grayish/none	538	6.34	23.86	1.00	0.65	
"	160	Equip Blank		"	"	"	-	-	-	-	-	-	-	-	
"	-	Duplicate		"	"	"	-	-	-	-	-	-	-	-	

RELINQUISHED BY:  DATE: 2/24/03 TIME: 1430 RECEIVED BY: G. Mays

**FOR PELA LABORATORY USE ONLY**

RECEIVED FOR LAB	DATE	TIME	WORK ORDER #	LABORATORY REMARKS

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

**P.E. LaMor & Associates**

**4320 Old Highway 37**

**Lakeland, Florida 33813**

**(863) 646-8526**

**CHAIN OF CUSTODY**

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

**№**

**J603**

PROJECT NAME <b>Semi Annual GWM'S 1st Event</b>		PROJECT LOCATION <b>Lena Rd. Landfill</b>		REQUIRED ANALYSIS										PAGE		OF	
PROJECT NO.		PURCHASE ORDER NO.		TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS				NT	
PROJECT CONTACT <b>Jeff Goodwin</b>		PROJECT TEL. NO.										SC (umhos/cm)	pH	TEMP (°C)	D.O.		
SAMPLER NAME(S) <b>S. Helms'</b>		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE		PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)THER													
SAMPLING DATE   TIME		SAMPLE IDENTIFICATION															
2/24/03	10:10	MW6	1 PI	1 PN	1 P su	5.00	0838	clear/none	172	5.30	21.23	1.08	3.58				
"	12:15	LRII-S	"	"	"	5.44	1039	clear/none	285	5.61	21.51	1.10	0.76				
"	13:41	GC-S	"	"	"	6.95	1237	greenish/none	538	6.34	23.86	1.00	0.65				
"	1:00	Equip Blank	"	"	"	-	-	-	-	-	-	-	-				
"	-	Duplicate	"	"	"	-	-	-	-	-	-	-	-				

RELINQUISHED BY:	DATE: <u>2/24/03</u>	TIME: <u>1430</u>	RECEIVED BY: <u>G. Haysenide</u>	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				



REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

NO

1588

**CHAIN OF CUSTODY**

PROJECT NAME <u>Semi Annual GWM's 1/2 Event</u>		PROJECT LOCATION <u>Lena Rd. Landfill</u>		REQUIRED ANALYSIS							PAGE		OF						
PROJECT NO.		PURCHASE ORDER NO.		App. 1 Volatile	EDB	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS				NTU					
PROJECT CONTACT <u>Jeff Goodwin</u>		PROJECT TEL. NO.								SC (umhos/cm)	pH	TEMP (°C)	D.O.						
SAMPLER NAME(S) <u>S. Helms</u>		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE															
DATE	TIME			CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)LFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER															
2/24/03	10:10	MW6	KDOW 804 - KDOW 805	3	G	H	3	G	I	S00	0838	Clear	None	172	5.30	21.23	1.08	3.58	
	12:15	LRTI-S	KDOW 806 - KDOW 807	2	G	H	2	G	I	S44	1039	Clear	None	285	5.61	21.51	1.10	0.76	
	13:41	GS	KDOW 808 - KDOW 809							695	1237	greenish	None	538	6.34	23.86	1.00	0.65	
	11:00	Equip Blank	KDOW 810 - KDOW 811																
		Duplicate	KDOW 812 - KDOW 813																

RELINQUISHED BY: <u>[Signature]</u>	DATE: <u>2/24/03</u>	TIME: <u>16:20</u>	RECEIVED BY:	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				
<u>[Signature]</u>	<u>2/24/03</u>	<u>16:20</u>	<u>0305060520</u>	<u>21</u>			

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

**P.E. LaMort & Associates**

**4320 Old Highway 37**

**Lakeland, Florida 33813**

**(863) 646-8526**

**CHAIN OF CUSTODY**

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

**No J604**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE		OF				
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		TYPE: (W)WATER (S)SOIL (O)OTHER	TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS				NTU			
PROJECT NO.		PURCHASE ORDER NO.											SC (umhos/cm)	PH	TEMP (°C)	D.O.				
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																
Jeff Goodwin				CONTAINER TYPES: (P)LASTIC (G)GLASS (O)OTHER																
SAMPLER NAME(S)				PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)OTHER																
S. Helms																				
SAMPLING		SAMPLE IDENTIFICATION																		
DATE	TIME																			
2/25/03	09:06	GC-6	W	1	P	I	1	P	N	1	P	Su	7.70	0803	1" straw/none	272	5.60	22.12	0.95	2.48
"	10:34	MW-5	W	"	"	"	"	"	"	"	"	"	8.47	0936	5" straw/none	342	6.01	21.44	1.52	2.41
"	11:19	MW-2	W	"	"	"	"	"	"	"	"	"	8.78	1048	yellow/none	768	5.89	21.98	0.94	1.35
"	12:41	GC-4A	W	"	"	"	"	"	"	"	"	"	6.89	1140	muddy/dirty/none	440	5.58	21.75	0.90	26.7
"	-	Duplicate	W	"	"	"	"	"	"	"	"	"								

RELINQUISHED BY:

DATE

TIME

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RELINQUISHED BY:

DATE

TIME

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LABORATORY REMARKS

*Ed. Lundberg*

RECEIVED FOR LAB

DATE

TIME

WORK ORDER #

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CLIENT: Manatee Co.

ADDRESS:

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**4320 Old Highway 37**

**Lakeland, Florida 33813**

**(863) 646-8526**

**CHAIN OF CUSTODY**

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

**No**

**J604**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE		OF				
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		TYPE: (W)WATER (S)SOIL (O)OTHER	TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS								
PROJECT NO.		PURCHASE ORDER NO.										SC (umhos/cm)	PH	TEMP (°C)	DO					
PROJECT CONTACT		PROJECT TEL NO.																		
SAMPLER NAME(S)																				
S. Helms																				
SAMPLING		SAMPLE IDENTIFICATION		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																
DATE	TIME			CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)SULFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER																
2/25/03	09 06	GC-6		1	P	I	1	P	N	1	P	Su	7.70	0803	h. green/none	272	5.60	21.12	0.95	2.45
"	10 34	MW-5		"	"	"	"	"	"	"	"	"	8.47	0936	h. n. /none	342	6.01	21.44	1.52	2.41
"	11 19	MW-2		"	"	"	"	"	"	"	"	"	8.78	1048	yellow/none	768	5.89	21.98	0.94	1.35
"	12 21	GC-4A		"	"	"	"	"	"	"	"	"	6.89	1140	muddy d. ity/none	440	5.58	21.75	0.90	26.7
"	-	Duplicate		"	"	"	"	"	"	"	"	"								

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
<i>[Signature]</i>	2/25/03	1340	<i>[Signature]</i>				

FOR PELA LABORATORY USE ONLY			LABORATORY REMARKS
RECEIVED FOR LAB	DATE	TIME	
			*diluted to x
WORK ORDER #			

NTL



REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

№ **J589**

### CHAIN OF CUSTODY

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE		OF				
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		App. 1 Volatile	EDB	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS				NTU			
PROJECT NO.		PURCHASE ORDER NO.								SC (umhos/cm)	PH	TEMP (°C)	D.O.				
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE													
SAMPLER NAME(S)				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER													
S. Helms				PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)SULFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER													
SAMPLING		SAMPLE IDENTIFICATION															
DATE	TIME																
2/25/03	09:06	GC-6 (K D02 888 - K D02 889)	3	G	H	3	G	I	7.70	0803	slight straw	none	272	5.60	22.12	0.95	2.48
"	10:34	MW-5 (K D02 890 - K D02 891)	3	"	"	3	"	"	8.47	0936	straw	none	342	6.01	21.44	1.52	2.41
"	11:19	MW-2 (K D02 892 - K D02 893)	2	"	"	2	"	"	8.78	1048	yellow	none	768	5.89	21.98	0.94	1.35
"	12:41	GC-4A (K D02 894 - K D02 895)	2	"	"	2	"	"	6.89	1140	dirty muddy	none	440	5.58	21.75	0.90	26.7
"	-	Duplicate (K D02 896 - K D02 897)	2	"	"	2	"	"									

RELINQUISHED BY: <i>[Signature]</i>	DATE: 2/25/03	TIME: 1515	RECEIVED BY:	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB: <i>[Signature]</i>	DATE: 2/25/03	TIME: 1515	WORK ORDER #: 0302060589	<i>[Handwritten notes]</i>			

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

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

INVOICING ADDRESS: **NO 0589**  
 ATTN:  
 CLIENT:  
 ADDRESS:

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION	REQUIRED ANALYSIS							PAGE		OF						
Semi Annual GMMW'S 1st Event		Lena Rd. Landfill	App. 1 Volatile	EDB	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS				NTU					
PROJECT NO.		PURCHASE ORDER NO.							SC (µmhos/cm)	pH	TEMP (°C)	DO						
PROJECT CONTACT		PROJECT TEL. NO.	NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE															
Jeff Goodwin			CONTAINER TYPES: (P)LASTIC (G)GLASS (O)OTHER															
SAMPLER NAME(S)			PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)OTHER															
S. Helms																		
SAMPLING		SAMPLE IDENTIFICATION																
DATE	TIME																	
2/25/03	09:06	GC-6	(K1002888 - K1002889)	3	G	H	3	G	I	7.70	0803	clear	none	272	5.60	22.12	0.95	2.48
"	10:39	MW-5	(K1002890 - K1002891)	3	"	"	3	"	"	8.47	0936	clear	none	342	6.01	21.44	1.52	2.41
"	11:19	MW-2	(K1002892 - K1002893)	2	"	"	2	"	"	8.78	1048	yellow	none	768	5.89	21.98	0.94	1.35
"	12:41	GC-4A	(K1002894 - K1002895)	2	"	"	2	"	"	6.89	1140	d. mudd	none	440	5.59	21.75	0.90	26.7
"	-	Duplicate	(K1002896 - K1002897)	2	"	"	2	"	"									

RELINQUISHED BY: [Signature] DATE: 2/25/03 TIME: 1515 RECEIVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_

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RECEIVED FOR LAB: [Signature] DATE: 2/25/03 TIME: 1515 WORK ORDER #: 0302002579

LABORATORY REMARKS: \*d. mudd



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

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

INVOICING ADDRESS: **No 0601**  
 ATTN:  
 CLIENT:  
 ADDRESS:

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE		OF				
Semi Annual GWMW'S 1st Event		Lena Rd. Landfill		TYPE: (W)WATER (S)SOIL (O)OTHER	TDS, CL, Nitrate	FE, HG, NA	Total Ammonia- N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS				NT			
PROJECT NO.		PURCHASE ORDER NO.											SC (umhos/cm)	pH	TEMP (°C)	D.O.				
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																
Jeff Goodwin				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER																
SAMPLER NAME(S)				PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)THER																
S. Helms		S. Wood																		
SAMPLING		SAMPLE IDENTIFICATION																		
DATE	TIME																			
2/20/07	09:19	SMR1	W	1	P	I	1	P	N	1	P	su	5.61	0801	tan/nmc	165	5.64	21.01	1.18	4.60
-	08:53	SMR2	W	"	"	"	"	"	"	"	"	"	18.76	0802	clear/nmc	685	7.51	23.59	1.69	2.35
-	10:17	SA-8	W	"	"	"	"	"	"	"	"	"	17.88	0940	sl. tan/nmc	2711	11.80	24.11	1.47	37.5
-	11:00	LRII-4	W	"	"	"	"	"	"	"	"	"	5.85	0939	tan/nmc	552	6.01	22.95	1.27	3.61
-	12:06	SA-7	W	"	"	"	"	"	"	"	"	"	16.47	1118	clear/nmc	491	8.26	24.52	1.38	2.84
-	12:30	LRII-3	W	"	"	"	"	"	"	"	"	"	6.13	1117	clear/nmc	333	4.45	22.62	1.48	1.11
-	13:26	SA-6	W	"	"	"	"	"	"	"	"	"	16.18	1250	tan/nmc	853	7.21	24.38	1.31	6.38
-	14:10	LRII-2	W	"	"	"	"	"	"	"	"	"	5.55	1249	tan/nmc	180	6.02	21.84	1.34	6.01

RELINQUISHED BY: *[Signature]* DATE: 2/20/07 TIME: 1515 RECEIVED BY: *[Signature]* RELINQUISHED BY: DATE: TIME: RECEIVED BY:

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RECEIVED FOR LAB	DATE	TIME	WORK ORDER #	LABORATORY REMARKS

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

NO **0601**

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION	REQUIRED ANALYSIS										PAGE	OF					
Semi Annual GMM'S 1st Event		Lena Rd. Landfill	TDS, CL, Nitrate	FE, HG, NA	Total Ammonia- N	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS				NTU					
PROJECT NO.	PURCHASE ORDER NO.									SC (umhos/cm)	pH	TEMP (°C)	DO						
PROJECT CONTACT		PROJECT TEL. NO.	NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																
Jeff Goodwin			CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER																
SAMPLER NAME(S)			PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)SULFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER																
S. Helms, S. Wood																			
SAMPLING		SAMPLE IDENTIFICATION																	
DATE	TIME																		
9/20/07	0919	SMR1	1	P	I	1	P	N	1	P	su	5.61	0801	clear/none	165	5.64	21.01	1.18	4.60
	0853	SMR2										18.76	0802	clear/none	685	7.51	23.59	1.69	2.35
	1017	SA-8										17.88	0940	clear/none	2711	11.80	24.11	1.47	37.5
	1100	LRII-4										5.85	0939	tan/none	552	6.01	22.95	1.27	3.61
	1206	SA-7										16.47	1118	clear/none	491	8.26	24.52	1.38	2.84
	1230	LRII-3										6.13	1117	clear/none	333	4.45	22.62	1.48	1.11
	1336	SA-6										16.18	1250	clear/none	853	7.21	24.38	1.37	6.38
	1410	LRII-2										5.55	1249	tan/none	180	6.02	21.84	1.34	4

RELINQUISHED BY: <i>[Signature]</i>	DATE: 9/20/07	TIME: 1515	RECEIVED BY: <i>[Signature]</i>	RELINQUISHED BY: <i>[Signature]</i>	DATE:	TIME:	RECEIVED BY:
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<b>FOR PELA LABORATORY USE ONLY</b>			LABORATORY REMARKS				
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				

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

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No 1586

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REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

CHAIN OF CUSTODY

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE	OF							
Semi Annual GMMW'S 1st Event		Lena Rd Landfill		App.1 Volatile	EDB	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS								
PROJECT NO.		PURCHASE ORDER NO.									SC (umhos/cm)	pH	TEMP (°C)	D.O.					
PROJECT CONTACT			PROJECT TEL. NO.			NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE													
Jeff Goodwin						CONTAINER TYPES: (P)LASTIC (G)GLASS (O)OTHER PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)SULFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER													
SAMPLER NAME(S)				TYPE: (W)WATER (S)SOIL (O)OTHER								NTI							
S. Helms, S. Wood																			
SAMPLING		SAMPLE IDENTIFICATION																	
DATE	TIME																		
2/20/03	09:19	SMR 1	KD02617-18	W	2	G	H	2	0	I	5.61	0801	light tan	none	165	5.64	21.01	1.18	4.60
"	08:53	SMR 2	19-20	L	"	"	"	"	"	"	18.76	0802	clear	none	685	7.51	23.59	1.69	2.35
"	10:17	SA 8	21-22	W	"	"	"	"	"	"	17.88	0940	clear	none	2711	11.80	24.11	1.47	37.5
"	11:00	LRII-4	23-24	W	"	"	"	"	"	"	5.85	0939	light tan	none	552	6.01	22.95	1.27	3.61
"	12:00	SA 7	25-26	W	"	"	"	"	"	"	16.47	1118	clear	none	491	6.26	24.52	1.38	2.84
"	12:30	LRII-3	27-28	W	"	"	"	"	"	"	6.13	1117	clear	none	333	4.45	22.62	1.48	1.11
"	13:26	SA-6	29-30	W	3	"	"	"	"	"	16.18	1250	gray	none	853	7.21	24.38	1.37	6.31
"	14:10	LRII-2	31-32	W	2	"	"	"	"	"	5.55	1249	Tan	none	180	6.02	21.84	1.34	<94

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
<i>[Signature]</i>	2/20/03	1654					

FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				
<i>[Signature]</i>	2/20/03	1654	0302040506				

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

**P.E. LaMor & Associates**

4320 Old Highway 37

Lakeland, Florida 33813

(863) 646-8526

**CHAIN OF CUSTODY**

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

No **0586**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE		OF						
Semi Annual GMMW's 1st Event		Lena Rd Landfill		App.1 Volatile	EDB	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS								
PROJECT NO.		PURCHASE ORDER NO.									SC (umhos/cm)	pH	TEMP (°C)	D.O.					
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE															
Jeff Goodwin				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER															
SAMPLER NAME(S)				PRESERVATIVES: (S)SODIUM HYDROXIDE (Su)SULFURIC (N)NITRIC (H)HYDROCHLORIC (I)ICED (O)OTHER															
S. Helms		S. Wood																	
SAMPLING		SAMPLE IDENTIFICATION																	
DATE	TIME																		
2/26/03	09:19	SMR 1	KO 2617-18	W	2	G	H	2	B	I	5.61	0801	Light tan	none	165	5.64	21.01	1.18	4.60
"	08:53	SMR 2	15-20	"	"	"	"	"	"	"	18.76	0802	Clear	none	685	7.51	23.59	1.69	2.35
"	10:17	SA 8	21-22	"	"	"	"	"	"	"	17.88	0940	Clear	none	2711	11.80	24.11	1.47	37.5
"	11:00	LRI-4	23-24	"	"	"	"	"	"	"	5.85	0939	Light Tan	none	552	6.01	22.95	1.27	3.61
"	12:00	SA-7	25-26	"	"	"	"	"	"	"	16.47	1118	Clear	none	491	8.26	24.52	1.38	2.84
"	12:30	LRI-3	27-28	"	"	"	"	"	"	"	6.13	1117	Clear	none	333	4.45	22.62	1.48	1.11
"	13:26	SA-6	29-30	"	3	"	"	"	"	"	16.18	1250	Hazy	none	853	7.21	24.38	1.37	6.38
"	14:10	LRI-2	31-32	"	2	"	"	"	"	"	5.55	1249	Tan	none	180	6.02	21.84	1.34	1.94

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
<i>[Signature]</i>	2/26/03	1654					

FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #				
	2/26/03						

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

**P.E. LaMor & Associates**  
**4320 Old Highway 37**  
**Lakeland, Florida 33813**  
**(863) 646-8526**  
**CHAIN OF CUSTODY**

INVOICING ADDRESS:



ATTN:

CLIENT:

ADDRESS:

**No** J600

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE	OF														
Semi Annual		Lena Rd. Landfill		TYPE: (W)WATER (S)SOIL (O)OTHER	TDS, Cl, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level	In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS															
GWMW'S 1st Event		PURCHASE ORDER NO.												SC (umhos/cm)	pH	TEMP (°C)	D.O.	NT											
PROJECT NO.		PROJECT TEL. NO.																											
PROJECT CONTACT		PROJECT TEL. NO.												NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE															
Jeff Goodwin		PROJECT TEL. NO.												CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER															
SAMPLER NAME(S)		PROJECT TEL. NO.		PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)OTHER																									
S. Helms		PROJECT TEL. NO.																											
SAMPLING		SAMPLE IDENTIFICATION																											
DATE	TIME																												
2/18/03	09:26	CWSA										1	P	I	1	P	N	1	P	Su	2.65	0816	clear	none	733	6.55	20.78	0.90	1.14
"	10:46	CW4										"	"	"	"	"	"	"	"	"	2.48	0947	tan	none	1672	6.57	19.15	0.79	1.66
"	11:55	Mw1										"	"	"	"	"	"	"	"	"	7.95	1102	yellow	none	268	5.20	20.73	0.94	11.2
"	13:07	Mw3										"	"	"	"	"	"	"	"	"	7.85	1208	deep yellow	none	722	5.98	21.30	0.81	2.00

RELINQUISHED BY: 	DATE: 2/18/03	TIME: 15:53	RECEIVED BY: 	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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<b>FOR PELA LABORATORY USE ONLY</b>			LABORATORY REMARKS			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #			

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

**P.E. LaMor & Associates**  
**4320 Old Highway 37**  
**Lakeland, Florida 33813**  
**(863) 646-8526**  
**CHAIN OF CUSTODY**

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

**No 0600**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS										PAGE		OF						
Semi Annual GMMW'S 1st Event		Lena Rd. Landfill		TYPE: (W)WATER (S)SOIL (O)OTHER	TDS, CL, Nitrate	FE, HG, NA	Total Ammonia-N	Water Level In Feet	Time Of	Water Level	Color	Sheen	FIELD PARAMETERS									
PROJECT NO.		PURCHASE ORDER NO.											SC (umhos/cm)	pH	TEMP (°C)	D.O.	NT					
PROJECT CONTACT		PROJECT TEL. NO.																				
SAMPLER NAME(S)																						
Jeff Goodwin				NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE																		
S. Helms				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER																		
SAMPLING		SAMPLE IDENTIFICATION		PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)YDROCHLORIC (I)ICED (O)OTHER																		
DATE	TIME																					
2/18/03	04:26	CWSA			I	P	I	I	P	N	I	P	su	2.65	0816	clear	none	733	6.55	20.78	0.90	1.14
"	10:46	CW 4			"	"	"	"	"	"	"	"	"	2.48	0947	tan	none	1672	6.57	19.15	0.79	1.66
"	11:55	Mw 1			"	"	"	"	"	"	"	"	"	7.95	1102	yellow	none	2168	5.20	20.73	0.94	11.2
"	13:07	Mw 3			"	"	"	"	"	"	"	"	"	7.85	1208	deep yellow	none	722	5.98	21.30	0.81	2.00

RELINQUISHED BY:		DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
<i>[Signature]</i>		2/18/03	15:53	<i>[Signature]</i>				
<b>FOR PELA LABORATORY USE ONLY</b>					<b>LABORATORY REMARKS</b>			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #					



REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

NO 0585

### CHAIN OF CUSTODY

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE		OF					
Semi Annual GMMW 1st Event		Lena Rd Landfill		Appl Volatile	EDB	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS								
PROJECT NO.		PURCHASE ORDER NO.								SC (umhos/cm)	pH	TEMP (°C)	D.O.	NT				
PROJECT CONTACT		PROJECT TEL NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE														
Jeff Goodwin				CONTAINER TYPES: (P) PLASTIC (G) GLASS (O) OTHER														
SAMPLER NAME(S)				PRESERVATIVES: (S) SODIUM HYDROXIDE (Su) L FURIC (N) ITRIC (H) HYDROCHLORIC (I) CED (O) OTHER														
S. Helms																		
SAMPLING		SAMPLE IDENTIFICATION																
DATE	TIME																	
2/18/03	0926	CW5A	KD02422-23	3	G	H	3	G	I	2.65	0816	clear	none	733	6.55	20.78	0.90	1.14
"	1046	CW4	KD02424-25	2	"	"	2	"	"	2.48	0947	lt. tan	none	1672	6.57	19.15	0.79	1.66
"	1135	MW1	KD02426-27	2	"	"	2	"	"	7.95	1102	lt. yellow	none	268	5.20	20.73	0.94	11.2
"	1307	MW3	KD02428-29	2	"	"	2	"	"	7.55	1208	deep yellow	none	722	5.98	21.30	0.81	2.00

RELINQUISHED BY:	DATE: 2/18/03	TIME: 1800	RECEIVED BY:	RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
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FOR PELA LABORATORY USE ONLY				LABORATORY REMARKS			
RECEIVED FOR LAB:	DATE: 2/18/03	TIME: 1800	WORK ORDER #: 0302060585				

REPORTING ADDRESS:

ATTN:

CLIENT: Manatee Co.

ADDRESS:

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

INVOICING ADDRESS:

ATTN:

CLIENT:

ADDRESS:

NO 0585

**CHAIN OF CUSTODY**

PROJECT NAME		PROJECT LOCATION		REQUIRED ANALYSIS							PAGE		OF					
Semi Annual GMM's 1st Event		Lena Rd Landfill		Appl Volatile	EDS	Water Level In Feet	Time Of Water Level	Color	Sheen	FIELD PARAMETERS								
PROJECT NO.		PURCHASE ORDER NO.								SC (umhos/cm)	PH	TEMP (°C)	D.O.	NTI				
PROJECT CONTACT		PROJECT TEL. NO.		NUMBER OF CONTAINERS / CONTAINER SIZE & TYPE / PRESERVATIVE														
Jeff Goodwin				CONTAINER TYPES: (P)PLASTIC (G)GLASS (O)OTHER														
SAMPLER NAME(S)				PRESERVATIVES: (S)ODIUM HYDROXIDE (Su)LFURIC (N)ITRIC (H)HYDROCHLORIC (I)CED (O)OTHER														
S. Helms																		
SAMPLING		SAMPLE IDENTIFICATION																
DATE	TIME																	
2/10/03	0926	CW5A	KD02422-23	3	G	H	3	G	I	2.65	0816	clear	none	733	6.55	20.78	0.90	1714
"	1046	CW4	KD02424-25	2	"	"	2	"	"	2.48	0947	H tan	none	1672	6.57	19.15	0.79	1666
"	1155	MW1	KD02426-27	2	"	"	2	"	"	2.95	1102	H yellow	none	268	5.20	20.73	0.94	11.2
"	1307	MW3	KD02428-29	2	"	"	2	"	"	2.85	1208	dec yellow	none	722	5.98	21.30	0.81	2.00

RELINQUISHED BY:		DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
<i>[Signature]</i>		2/10/03	1800		<i>[Signature]</i>			
<b>FOR PELA LABORATORY USE ONLY</b>					<b>LABORATORY REMARKS</b>			
RECEIVED FOR LAB	DATE	TIME	WORK ORDER #					
	2/10/03	1800	020000035					