

MANATEE COUNTY GOVERNMENT

Public Works Department

July 13, 1995

RECEIVED
JUL 18 1995

Depart. Environmental Protection
BY SOUTH WEST DISTRICT

44795

Allison Amram, P.G.
Division of Waste Management
Department of Environmental Protection, South West District
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Manatee County Solid Waste Management Facility
Lena Road Landfill
Permit No. SO41-211176

4041C02025

Dear Ms. Amram:

Enclosed please find the Groundwater Monitoring Report for the period January through June, 1995. Attached also are the analytical results for sodium, mercury, and iron. Additional information to follow will include parameters listed in Specific Condition No. 35. of the above referenced Permit and the Groundwater contour map. This information will be received in your office the week of July 31, 1995. All data was collected during the appropriate time frame, however, was delayed in reaching our office.

We apologize for any inconvenience this may cause you. If you require further information regarding this matter, please contact this office at 941/748-5543.

Sincerely,

Benjamin L. Alex

Benjamin L. Alex
Solid Waste Technical Coordinator

bla

cc: Robert Butera, P.E., FDEP
Kim Ford, P.E., FDEP
Lenox E. "Len" Bramble, Public Services Director
Daniel T. Gray, Utilities Operations Manager
Gus DiFonzo, Solid Waste Manager



DEP Form # 62-522.600(11)
Form Title GROUND WATER MONITORING REPORT
Effective Date _____
DEP Application No. _____

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

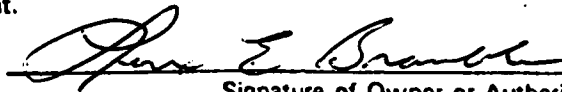
PART I GENERAL INFORMATION

- (1) Facility Name Lena Road Landfill - Manatee County Public Services
 Address Caller Service 25010
 City Bradenton, Florida Zip 34206
 Telephone Number (941) 748-5543
- (2) The GMS Identification Number 4041C02025
- (3) DEP Permit Number S041-211176
- (4) Authorized Representative Name Lenox E. (Len) Bramble
 Address 4410-66th Street West
 City Bradenton, Florida Zip 34210
 Telephone Number (941) 792-8811
- (5) Type of Discharge N/A
- (6) Method of Discharge Unknown - Lined Landfill

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Date: 7-14-95



Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # 870072G
- Analytical Lab Comp QAP #/HRS Certification # E84098 + 84183 (Drinking Water)
*Comp QAP #/HRS Certification # 4043 - LAB # E54139
- Lab Name P. E. LaMoreaux & Associates, Inc.
 Address P. O. Box 6719, Lakeland, Florida 33807
 Phone Number (813) 646-8526



P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

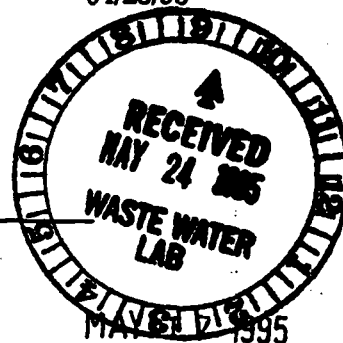
FAX 813/646-1042

for Wiley
9/9CERTIFICATE OF ANALYSIS
SAMPLE SUMMARYSENT TO: MANATEE CO PUBLIC WORKS DEPT.
ATTN: KEVIN ROSS
5101 65th STREET WEST
BRADENTON, FLORIDA 34101
813-792-8788ANALYZED BY: P.E. LaMoreaux & Associates, Inc.
4320 OLD HIGHWAY 37
LAKELAND, FLORIDA 33813PHONE: (813) 646-8526
FAX: (813) 646-1042PROJECT NO. :
PELA CONTACT :
WORK ORDER NO. : 950400086RECEIVED DATE : 04/26/95
REPORTED DATE : 05/12/95

STATE OF FLORIDA CERTIFICATIONS: E84098-ENVIRONMENTAL, #84183-DRINKING WATER

LAB ID #	SAMPLE DESCRIPTION	SAMPLE SITE	COLLECTION	
			DATE	TIME
JF04469	SMR 2 20710	LENA LANDFILL	04/22/95	08:30
JF04470	SMR 1 20710	LENA LANDFILL	04/22/95	09:00
JF04471	SA 8 20710	LENA LANDFILL	04/22/95	09:30
JF04472	LRII-4 20710	LENA LANDFILL	04/22/95	10:00
JF04473	LRII-4 FD 20710	LENA LANDFILL	04/22/95	10:00
JF04474	SA 7 20710	LENA LANDFILL	04/22/95	10:30
JF04475	LR II 3 20710	LENA LANDFILL	04/22/95	11:00
JF04476	SA 6 20710	LENA LANDFILL	04/22/95	11:30
JF04477	LRII-2 20710	LENA LANDFILL	04/22/95	12:00
JF04478	SA 5 20710	LENA LANDFILL	04/22/95	12:30
JF04479	LRII-1 20710	LENA LANDFILL	04/22/95	13:15
JF04480	CW 5A 20710	LENA LANDFILL	04/22/95	13:30
JF04481	GC 4 20711	LENA LANDFILL	04/23/95	09:00
JF04482	GC 3 20711	LENA LANDFILL	04/23/95	09:30
JF04483	SA 3 20711	LENA LANDFILL	04/23/95	10:00
JF04484	GC 2 20711	LENA LANDFILL	04/23/95	10:30
JF04485	SA 2 20711	LENA LANDFILL	04/23/95	11:00
JF04486	GC 1A 20711	LENA LANDFILL	04/23/95	11:30
JF04487	SA 4 20711	LENA LANDFILL	04/23/95	12:00
JF04488	FIELD BLANK 20711	LENA LANDFILL	04/23/95	

SENIOR CHEMIST

Amal Mostafa
LABORATORY DIRECTORThank you for giving PELA the opportunity to be of service.
If you need any additional information, please call.

CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04469
Sample Identification : SMR 2 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 08:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS





REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: SMR 2 20710

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04469

COLLECTION DATE: 04/22/95

COLLECTION TIME: 08:30

5859

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

IRON	EPA 200.7	0.02	0.04	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	54.7	mg/L	SJM	17:14 05/10/95	05/10/95

CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #96022

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



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

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

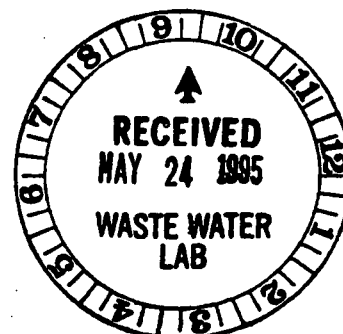
PELA Laboratory No. : JF04470
Sample Identification : SMR 1 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 09:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #96022

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



P.E. LaMoreaux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526 FAX 813/646-1042

client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: SMR 1 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04470
COLLECTION DATE: 04/22/95
COLLECTION TIME: 09:00

5858

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

IRON	EPA 200.7	0.02	8.25	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	16.9	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #96022

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



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5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04471
Sample Identification : SA 8 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 09:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS: State of FL #84183/EB4098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #96022

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



P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: SA 8 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04471
COLLECTION DATE: 04/22/95
COLLECTION TIME: 09:30

587

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

IRON	EPA 200.7	0.02	0.03	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	36.1	mg/L	SJM	12:39 05/09/95	05/09/95

CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



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BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

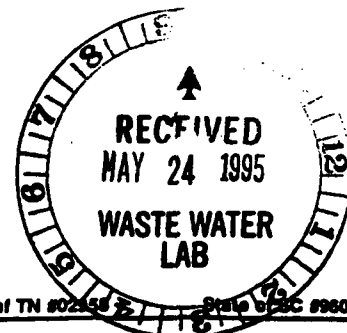
PELA Laboratory No. : JF04472
Sample Identification : LR11-4 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 10:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02455 State of NC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: LR11-4 20710

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04472

COLLECTION DATE: 04/22/95

COLLECTION TIME: 10:00

5863

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

IRON	EPA 200.7	0.02	4.27	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 289.7	0.01	9.97	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84095

State of AL #40120

State of KY #90013

State of TN #02995

State of SC #96022

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



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Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

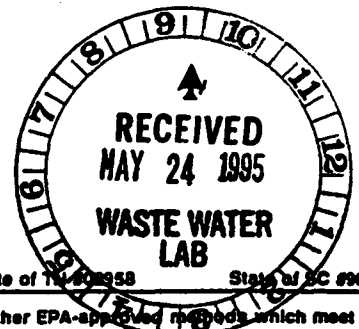
PELA Laboratory No. : JF04473
Sample Identification : LR11-4 FD 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 10:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS





P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

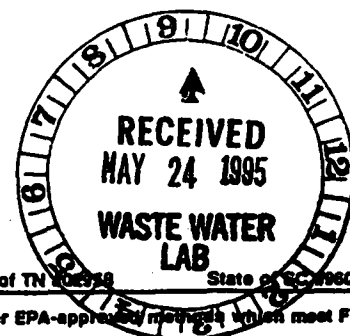
Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: LR11-4 FD 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04473
COLLECTION DATE: 04/22/95
COLLECTION TIME: 10:00

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

IRON	EPA 200.7	0.02	4.56	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	10.8	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #00938

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/848-8528

FAX 813/846-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04474
Sample Identification : SA 7 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 10:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS

CERTIFICATIONS:

State of FL #84183/E84098

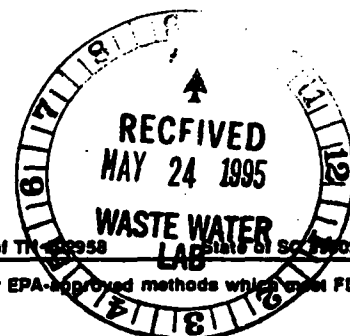
State of AL #40120

State of KY #90013

State of TN #2958

State of SC #19022

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





REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: SA 7 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04474
COLLECTION DATE: 04/22/95
COLLECTION TIME: 10:30

5856

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

IRON	EPA 200.7	0.02	0.05	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	37.6	mg/L	SJM	12:39 05/09/95	05/09/95

CERTIFICATIONS:

State of FL #84183/EB4098

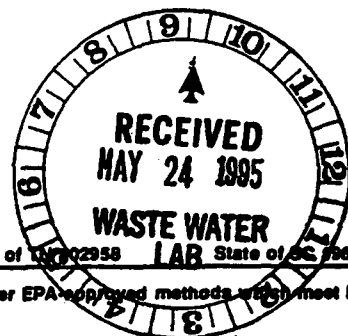
State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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





P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/846-8526

FAX 813/846-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

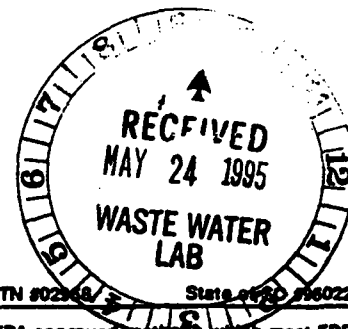
PELA Laboratory No. : JF04475
Sample Identification : LR II 3 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 11:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02048

State of MD #06022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/846-8526

FAX 813/846-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: LR II 3 20710
Site : LENA LANDFILL
Type : WATER

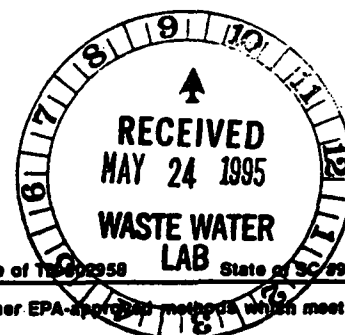
PELA LAB NUMBER: JF04475
COLLECTION DATE: 04/22/95
COLLECTION TIME: 11:00

5/62

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

IRON	EPA 300.7	0.02	6.28	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245-1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	46.1	mg/L	SJM	17:14 05/10/95	05/10/95



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #2958 State of SC #96022

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BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

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Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

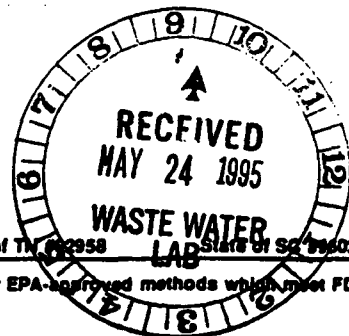
PELA Laboratory No. : JF04476
Sample Identification : SA 6 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 11:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS





REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: SA 6 20710

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04476

COLLECTION DATE: 04/22/95

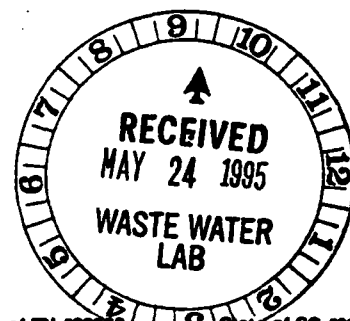
COLLECTION TIME: 11:30

SP15

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	0.06	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	35.1	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02938 State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoresux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
3101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

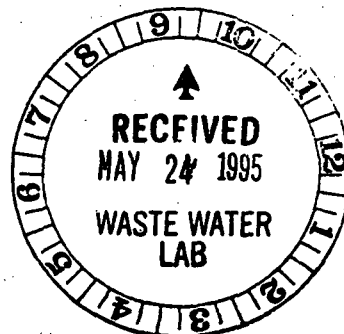
PELA Laboratory No. : JF04477
Sample Identification : LR11-2 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 12:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: LR11-2 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04477
COLLECTION DATE: 04/22/95
COLLECTION TIME: 12:00

5861

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	6.18	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	4.37	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

CLIENT INFORMATION

client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04478
Sample Identification : SA 5 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 12:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: SA 5 20710
Site : LENA LANDFILL
Type : WATER

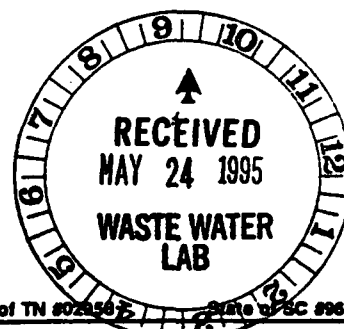
PELA LAB NUMBER: JF04478
COLLECTION DATE: 04/22/95
COLLECTION TIME: 12:30

5854

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	BDL	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	49.5	mg/L	SJM	17:14 05/10/95	05/10/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #023567

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/846-8528

FAX 813/846-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

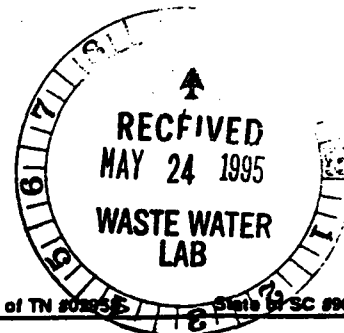
PELA Laboratory No. : JF04479
Sample Identification : LR11-1 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 13:15
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #0055

State of SC #96022

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



REPORT OF ANALYSIS
P.E. LaMoresux and Associates, Inc.
Geochemistry Laboratory
4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526 FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: LR11-1 20710
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04479
COLLECTION DATE: 04/22/95
COLLECTION TIME: 13:15

5860

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	22.2	mg/L	SJM	17:25 05/10/95	05/10/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	17.9	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #99022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

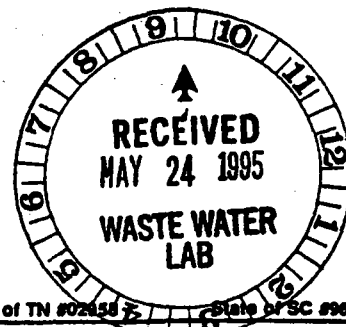
PELA Laboratory No. : JF04480
Sample Identification : CW 5A 20710
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/22/95
Collection Time : 13:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02458 E

State of SC #98022

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



REPORT OF ANALYSIS

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Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: CW 5A 20710
Site : LENA LANDFILL
Type : WATER

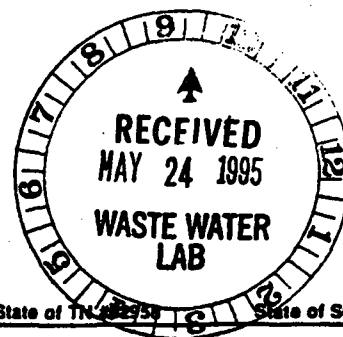
PELA LAB NUMBER: JF04480
COLLECTION DATE: 04/22/95
COLLECTION TIME: 13:30

2731

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	9.37	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	24.8	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS: State of FL #84183/E84096 State of AL #40120 State of KY #90013 State of TN #8939 State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

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FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

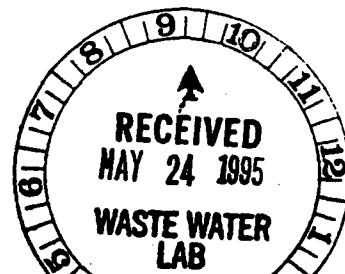
PELA Laboratory No. : JF04481
Sample Identification : GC 4 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 09:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #00250

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: GC 4 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04481

COLLECTION DATE: 04/23/95

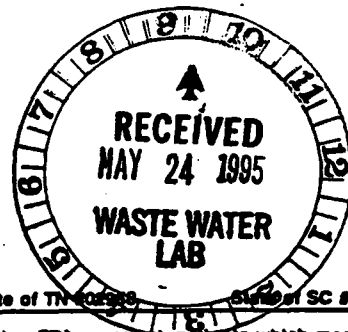
COLLECTION TIME: 09:00

5867

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	15.8	mg/L	SJM	17:25 05/10/95	05/10/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	19.9	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #00908

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/846-8526

FAX 813/846-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04482
Sample Identification : GC 3 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 09:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: GC 3 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04482

COLLECTION DATE: 04/23/95

COLLECTION TIME: 09:30

5866

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 300.7	0.02	8.71	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	20.3	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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4320 Old Highway 37, Lakeland, Florida 33813

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CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04483
Sample Identification : SA 3 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 10:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #98022

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



REPORT OF ANALYSIS

P.E. LaMoresux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: SA 3 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04483

COLLECTION DATE: 04/23/95

COLLECTION TIME: 10:00

5852

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 200.7	0.02	1.57	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 145.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	23.3	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/EB4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04484
Sample Identification : GC 2 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 10:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/EB4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LeMoresaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: GC 2 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04484

COLLECTION DATE: 04/23/95

COLLECTION TIME: 10:30

5865

PARAMETER	METHOD	DETECTION LIMITS	RESULTS	UNITS	ANALYST	TIME/DATE STARTED	DATE FINISHED
-----------	--------	------------------	---------	-------	---------	-------------------	---------------

INORGANICS

IRON	EPA 300.7	0.02	36.7	mg/L	SJM	16:20 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	24.0	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/ES4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04485
Sample Identification : SA 2 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 11:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: SA 2 20711
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04485
COLLECTION DATE: 04/23/95
COLLECTION TIME: 11:00

4817

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

IRON	EPA 200.7	0.02	0.63	mg/L	SJH	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJH	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	22.6	mg/L	SJH	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04486
Sample Identification : GC 1A 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 11:30
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/EB4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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REPORT OF ANALYSIS

P.E. LaMoresaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.
Identification: GC 1A 20711
Site : LENA LANDFILL
Type : WATER

PELA LAB NUMBER: JF04486
COLLECTION DATE: 04/23/95
COLLECTION TIME: 11:30

2718

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

IRON	EPA 200.7	0.02	51.5	mg/L	SJM	16:20 05/09/95	05/09/95
MERCURY AS RG	EPA 245.1	0.0001	89L	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	51.1	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LeMoreaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8526

FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04487
Sample Identification : SA 4 20711
Sample site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : 12:00
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/EB4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

Geochemistry Laboratory

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PHONE 813/646-8526

FAX 813/646-1042

Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: SA 4 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04487

COLLECTION DATE: 04/23/95

COLLECTION TIME: 12:00

5853

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

IRON	EPA 200.7	0.02	0.11	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	59.5	mg/L	SJM	16:35 05/09/95	05/09/95



CERTIFICATIONS: State of FL #84183/E84098 State of AL #40120 State of KY #90013 State of TN #02958 State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoresaux and Associates, Inc.

Geochemistry Laboratory

4320 Old Highway 37, Lakeland, Florida 33813

PHONE 813/646-8528

FAX 813/646-1042

CLIENT INFORMATION

Client : MANATEE CO PUBLIC WORKS DEPT.
5101 65th STREET WEST
BRADENTON, FLORIDA 34101

Attention : ATTN: KEVIN ROSS

BILLING INFORMATION

Bill to : MANATEE CO PUBLIC WORKS DEPT.
ATTN: FINANCE DEPARTMENT
P O BOX 1000
BRADENTON, FLORIDA 34206

Purchase Order No. :

SAMPLE INFORMATION

PELA Laboratory No. : JF04488
Sample Identification : FIELD BLANK 20711
Sample Site : LENA LANDFILL
Sample Type : WATER
Sample Designators :

SAMPLE COLLECTION INFORMATION

Collection Date : 04/23/95
Collection Time : -0-
Collected by : CLIENT
Date Received at Lab : 04/26/95
Time Received at Lab : 17:57

FIELD PARAMETERS

COMMENTS



CERTIFICATIONS:

State of FL #84183/E84098

State of AL #40120

State of KY #30013

State of TN #02958

State of SC #96022

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



REPORT OF ANALYSIS

P.E. LaMoreaux and Associates, Inc.

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Client Name : MANATEE CO PUBLIC WORKS DEPT.

Identification: FIELD BLANK 20711

Site : LENA LANDFILL

Type : WATER

PELA LAB NUMBER: JF04488

COLLECTION DATE: 04/23/95

COLLECTION TIME: -0-

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

IRON	EPA 200.7	0.02	BDL	mg/L	SJM	12:36 05/09/95	05/09/95
MERCURY AS HG	EPA 245.1	0.0001	BDL	mg/L	SJM	12:32 05/05/95	05/05/95
SODIUM AS NA	EPA 200.7	0.01	BDL	mg/L	SJM	12:39 05/09/95	05/09/95



CERTIFICATIONS:

State of FL #84183/ES4098

State of AL #40120

State of KY #90013

State of TN #02958

State of SC #98022

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