



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION**

P.O. Box 340, Lecanto, Florida 34460
(352) 746-5000 FAX (352) 527-1204
Citrus Springs/Dunnellon area Toll Free # (352) 489-2120

4009C 00086
WAC 39859

RECEIVED

JUL 18 2001

Solid Waste Section

July 12, 2001

Mr. John Morris
Environmental Specialist III
Dept. Of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

**RE: QUARTERLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL
LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. S009-274381**

Dear Mr. Morris:

Enclosed please find the following leachate monitoring results for the Citrus County Central Landfill site, together with the Operator's monthly reports covering the period 4/01 through 6/01:

- 1) **Weekly effluent analytical results:** There were no exceedences of permit limits for this time period.
- 2) **Quarterly effluent analytical results:** The only exceedences of drinking water standards during this period, are not permit violations.

Should further information or clarification be necessary, please do not hesitate to contact me.

Sincerely,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

SJM:CJW:cjw/(swmFshared:swm_Itc:Morrise4/71201.doc)

CC: Chongman Lee, - Solid Waste - Tallahassee w/analysis
Keneth L. Frink, Interim Director, Dept. Public Works w/xls.sheet
Kim Ford, P.E., Depart of Environmental Protection w/xls.sheet

JUNE MOR 1

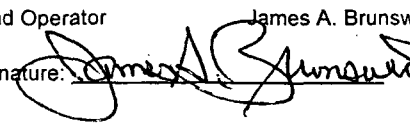
Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

- (1) Month JUNE Year 2001
- (2) Plant's DEP Identification Number 4009C00086
- (3) Plant Name Central Landfill Leachate Plant
- (4) Plant Address SR 44 3 Miles East Lecanto
- (5) City Lecanto
- (6) County Citrus
- (7) Phone Number (352) 746-5000
- (8) Permit Number S-009-274381
- (9) Plant Type 1-C
- (10) Test Site Identification Number N/A
- (11) Fecal Coliform Sample Method
X Membrane filter Most Probable Number
- (12) Type Of Effluent Disposal or Reclaimed Water Use
N/A
- (13) Limited Wet Weather Discharge Activated
Yes No X Not Applicable
- (14) Cumulative Days Wet Weather Discharge N/A
- (15) Plant Staffing
Day Shift Operator Class C Cert. No. 8197
Evening Shift Operator Class Cert. No. N/A
Night Shift Operator Class Cert. No. N/A

Parameter	Units	Storet Code	Value
(16) Monthly average daily flow	mgd	050053	0.008
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.008
(19) Percent of permitted capacity	%	--	28%
(20) CBOD5 Effluent	mg/L	080082	2.3
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	3.4
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.4
(25) Maximum pH		--	8.2
(26) Total N	mg/L	000600	8.2
(27) TKN	mg/L	000625	3.7
(28) Ammonia (NH3 - N)	mg/L	000610	0.190
(29) Nitrate	mg/L	071850	4.50
(30) Total Phosphorus	mg/L	000665	0.69
(31) Minimum Chlorine Residual	mg/L	--	0.1
(32) Maximum Chlorine Residual	mg/L	--	0.7
(33) Other Effluent Parameters			
COD	mg/L		142.5

Lead Operator James A. Brunswick

Signature:  Cert. No.

08197

Domestic Wastewater Treatment Plant Monthly Operating Report

JUNE

Year 2000

[illegible]

Lead Operator: This is to certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief this information is true, complete, and accurate.

Signed

Date:

Name (Please Type)

James Brunswick

Company Name

Citrus County Solid Waste

Telephone No. (Please Type)

(352) 746-5000

MAY MOR 1

Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

(1) Month · MAY Year · 2001

(2) Plant's DEP Identification Number 4009C00086

(3) Plant Name Central Landfill Leachate Plant

(4) Plant Address SR 44 3 Miles East Lecanto

(5) City Lecanto

(6) County Citrus

(7) Phone Number (352) 746-5000

(8) Permit Number S-009-274381

(9) Plant Type 1-C

(10) Test Site Identification Number N/A

(11) Fecal Coliform Sample Method

X	Membrane filter	Most Probable Number
0	0	0.01
1	1	0.07
2	2	0.27
3	3	0.42
4	4	0.27
5	5	0.07
6	6	0.01

(12) Type Of Effluent Disposal or Reclaimed Water Use

N/A

(13) Limited Wet Weather Discharge Activated

Yes No X Not Applicable

(14) Cumulative Days Wet Weather Discharge	N/A
--	-----

(15) Plant Staffing

Day Shift Operator Class C Cert. No. 8197

Evening Shift Operator Clas	Cert. No.	N/A
-----------------------------	-----------	-----

Night Shift Operator Class	Cert. No.	N/A
----------------------------	-----------	-----

Lead Operator: James A. Brunswick

Signature: [Signature] Cert. No. _____

[illegible]

Domestic Wastewater Treatment Plant Monthly Operating Report

MAY

Year 2000

[illegible]

Lead Operator: This is to certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief this information is true, complete, and accurate.

Signed _____

Date:

Name (Please Type)

James Brunswick

Company Name

Citrus County Solid Waste

Telephone No. (Please Type)

(352) 746-5000

Month APRIL Year 2001

Lead Operator: This is to certify that I am familiar with the information contained in this report and that to the best of my knowledge and belief this information is true, complete, and accurate.

Date:

(352) 746-5000

CITRUS COUNTY CENTRAL LANDFILL
WEEKLY LEACHATE MONITORING

ParamName	Unit	04/04/2001-E01-011756	04/11/2001-E01-011892	04/18/2001-E01-012038	04/25/2001-E01-012200
Nitrogen, Total Kjeldahl	MG/L	3.9 =	2.7 =	2.8 =	2.8 =
CBOD, 5-day	MG/L	2 U	2 U	2 U	2U
Chemical oxygen demand	MG/L	93 =	68 =	100 =	120 =
Fecal coliform, 0.7 micron filter	CFU/100ML	1 U	1 U	1 U	1 U
Nitrogen, ammonia	MG/L	0.12 =	0.08 =	0.1 =	0.52 =
Nitrogen, nitrate	MG/L	0.25 =	0.37 =	0.32 =	0.32 =
Nitrogen, total	MG/L	4.2 =	3 =	3.1 =	3.1 =
pH	UNITS	7.6 =	7.3 =	7.8 =	7.9 =
Phosphorus, total	MG/L	2.5 =	2.3 =	2.2 =	2 =
Suspended solids (residue, non-filterable)	MG/L	2.6 =	1 =	0.8 =	1.4 =

ParamName	Unit	05/02/2001-E01-012332	05/09/2001-E01-012495	05/16/2001-E01-012635	05/23/2001-E01-012789	05/30/2001-E01-01291
Nitrogen, Total Kjeldahl	MG/L	5.1 =	2.2 =	2.8 =	3.2 =	3.2 =
CBOD, 5-day	MG/L	2 U	2 U	2 U	2 U	2U
Chemical oxygen demand	MG/L	120 =	130 =	102 =	110 =	140 =
Fecal coliform, 0.7 micron filter	CFU/100ML	1 U	1 U	1 U	1 U	1U
Nitrogen, ammonia	MG/L	0.06 =	0.09 =	0.05 =	0.06 =	0.074 =
Nitrogen, nitrate	MG/L	0.31 =	0.05 =	0.42 =	0.43 =	0.66 =
Nitrogen, total	MG/L	5.4 =	2.3 =	3.2 =	3.8 =	3.9 =
pH	UNITS	7.3 =	7.6 =	7.3 =	7.6 =	7.8 =
Phosphorus, total	MG/L	0.02 U	0.93 =	0.87 =	0.89 =	1 =
Suspended solids (residue, non-filterable)	MG/L	1.8 =	2.2 =	3 =	3.6 =	4.4 =

ParamName	Unit	06/06/2001-E-01-013062	06/13/2001-E01-013250	06/20/2001-E01-013437	06/27/2001-E01-
Nitrogen, Total Kjeldahl	MG/L	3.2 =	5 =	3.1 =	3.5 =
CBOD, 5-day	MG/L	2 U	2 =	2 U	2.5 =
Chemical oxygen demand	MG/L	170 =	140 =	120 =	140 =
Fecal coliform, 0.7 micron filter	CFU/100ML	1 U	1 U	1 U	1 U
Nitrogen, ammonia	MG/L	0.089 =	0.3 =	0.02 =	0.18 =
Nitrogen, nitrate	MG/L	0.35 =	8.1 =	0.14 =	9.4 =
Nitrogen, total	MG/L	3.6 =	13 =	3.2 =	13 =
pH	UNITS	7.9 =	7.5 =	7.8 =	7.7 =
Phosphorus, total	MG/L	0.9 =	0.88 =	0.67 =	0.32 =
Suspended solids (residue, non-filterable)	MG/L	4.2 =	3.4 =	1.4 =	4.4 =

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE MONITORING

ChemGroup	ParamName	Unit	EFFLUENT-04/25/2001-E01-012200-01
GENCHEM	Chloride	MG/L	1200 =
GENCHEM	Total dissolved solids	MG/L	1366 =
GENCHEM	Trihalomethanes, total	UG/L	230 =
METAL	Arsenic	UG/L	0.01 =
METAL	Barium	UG/L	0.02 =
METAL	Cadmium	UG/L	5 U
METAL	Chromium	UG/L	10 U
METAL	Iron	UG/L	50 U
METAL	Lead	UG/L	0.01 =
METAL	Mercury	UG/L	2 U
METAL	Selenium	UG/L	10 U
METAL	Silver	UG/L	10 U
METAL	Sodium	UG/L	2218 =
VOC	Benzene	UG/L	1 U
VOC	Bromodichloromethane	UG/L	9.4 =
VOC	Bromoform	UG/L	170 =
VOC	Chloroform	UG/L	1.4 =
VOC	Dibromochloromethane	UG/L	52 =
VOC	Ethylbenzene	UG/L	1 U
VOC	Ethylene dibromide	UG/L	0.2 U
VOC	Toluene	UG/L	1 U
VOC	Xylenes, total	UG/L	2 U



Advanced
Environmental Laboratories, Inc.

2106 NW 67th Place • Suite 7
Gainesville, Florida 32606
1352) 367-1500
FAX 1352) 367 0050

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/27/01@0900
P.O. Number
Sample Pickup: 6/27/01@0900
Lab Custody Date: 6/27/01@1130
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/Analyst Init
CBOD(Eff.)	2.5		T013596	mg/l	SM5210B	2	6/29/01@0730	E84589/JBH
TSS(Eff.)	4.4		T013596	mg/l	160.2	0.5	6/28/01@1100	E84589/TMH
COD	140		T013596	mg/l	410.1	20	7/5/01@1100	E84589/JBH
Ammonia	0.18		T013596	mg/l	350.1	0.05	6/27/01@1430	E84589/DMC
Nitrate	9.4		T013596	mg/l	4500NO3F	0.05	6/27/01@1605	E84589/DMC
TN	13		T013596	mg/l	351.2, 4500NO3F	0.05	6/27/01@1605	E84589/DMC
TKN	3.5		T013596	mg/l	351.2	0.02	7/6/01@0830	E84589/DMC
TP	0.32		T013596	mg/l	365.4	0.02	7/6/01@1100	E84589/DMC
Fecal	<1	U	T013596	CUU/100ml	SM9222D	1	6/27/01@1330	E84589/DG
Total Chlorine(Eff)	0.19		T013596	mg/l	SM4500CLD	0.1	6/29/2001	E84589/DG
PH	7.7		T013596	N/A	150.1	1	6/27/2001	E84589/JB

Approved by:

Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

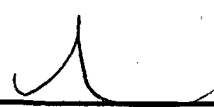
5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/20/01@0920
P.O. Number
Sample Pickup: 6/20/01@0920
Lab Custody Date: 6/20/01@1200
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-013437
R115 = 01-06-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T013437	mg/l	SM5210B	2	6/21/01@1100	E84589/JBH
TSS(Eff.)	1.4		T013437	mg/l	160.2	0.5	6/20/01@1430	E84589/TMH
COD	120		T013437	mg/l	410.1	20	6/21/01@0800	E84589/JBH
Ammonia	<0.02	U	T013437	mg/l	350.1	0.05	6/21/01@1259	E84589/DMC
Nitrate	0.14		T013437	mg/l	4500NO3F	0.05	6/21/01@1050	E84589/DMC
TN	3.2		T013437	mg/l	351.2, 4500NO3F	0.05	6/21/01@1050	E84589/DMC
TKN	3.1		T013437	mg/l	351.2	0.02	6/28/01@0800	E84589/DMC
TP	0.67		T013437	mg/l	365.4	0.02	6/28/01@1005	E84589/DMC
Fecal	<1	U	T013437	CFU/100ml	SM9222D	1	6/20/01@1350	E84589/DG
Total Chlorine(Eff)	0.25		T013437	mg/l	SM4500CLD	0.1	6/21/2001	E84589/DMC
PH	7.8		T013437	N/A	150.1	1	6/20/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



Advanced Environmental Laboratories, Inc.

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER T013431

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 240 GULE TO WAY Hwy	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LECAWTO FLA	PROJECT LOCATION:	ANALYSTS
PHONE: FAX:	SAMPLED BY: J Edenfield	CLBod TSS NO3 TPTN cad TKN NH3 FC
CONTACT: Jim	SPECIAL INSTRUCTIONS: PH 7.8 temp 28°C	LAB USE
TURN AROUND TIME or RESULTS DUE BY:		
☐ STANDARD ☐ RUSH ☐ OTHER	☐ VERBAL ☐ FAX ☐ HARD COPY	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	ECC Leach Ade	6/20/01	0920	WW	4	X	X	X	X				

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS: Richard	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	Lab Rec	James A. Brown	6/1/01	AM
	2	James A. Brown	Richard	6/20/01	0920
	3	Richard	DL	6/20/01	1200
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA:	4		



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/13/01@0930
P.O. Number
Sample Pickup: 6/13/01@0930
Lab Custody Date: 6/13/01@1205
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-013250
RIP = 01-6-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	2		T013250	mg/l	SM5210B	2	6/14/01@1530	E84589/JBH
TSS(Eff.)	3.4		T013250	mg/l	160.2	0.5	6/14/01@1250	E84589/TMH
COD	140		T013250	mg/l	410.1	20	6/20/2001	E84589/JBH
Ammonia	0.3		T013250	mg/l	350.1	0.05	6/15/01@1406	E84589/DMC
Nitrate	8.1		T013250	mg/l	4500NO3F	0.05	6/13/01@1508	E84589/DMC
TN	13		T013250	mg/l	351.2,4500NO3F	0.05	6/13/01@1508	E84589/DMC
TKN	5		T013250	mg/l	351.2	0.02	6/21/01@0730	E84589/DMC
TP	0.88		T013250	mg/l	365.4	0.02	6/21/01@0945	E84589/DMC
Fecal	<1	U	T013250	CFU/100ml	SM9222D	1	6/13/01@1400	E84589/DG
Total Chlorine(Eff)	0.07		T013250	mg/l	SM4500CLD	0.1	6/14/2001	E84589/JBH
PH	7.5		T013250	N/A	150.1	1	6/13/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER 1013250

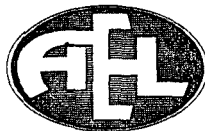
CLIENT NAME: <u>CITRUS COUNTY LANDFILL</u>	PROJECT NAME:	PRESERVATIVE
ADDRESS: <u>240 GULF COUNTY HWY</u> <u>LECANO FLA</u>	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
PHONE: _____ FAX: _____	PROJECT LOCATION:	ANALYSIS REQUIRED
CONTACT: <u>Jim</u>	SAMPLED BY: <u>J Edenfield</u>	LAB USE
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: <u>PH 7.5</u> <u>TEMP 28</u>	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	<u>EFF Leachade</u>	<u>6/13/01</u>	<u>0930</u>	<u>WW</u>	<u>4</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>						

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS: <u>PICKUP</u>	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	<u>Lab Kit</u>	<u>Jim Edenfield</u>	<u>6/13/01</u>	<u>11M</u>
	2	<u>Jim Edenfield</u>	<u>Jim Edenfield</u>	<u>6/13/01</u>	<u>0930</u>
	3	<u>Jim Edenfield</u>	<u>Jim Edenfield</u>	<u>6/13/01</u>	<u>1205</u>
	4				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <u>Jim Edenfield</u>			

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/6/01@0930
P.O. Number
Sample Pickup: 6/6/01@0930
Lab Custody Date: 6/6/01@1230
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-013062
R15=01-6-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/Analyst Init
CBOD(Eff.)	<2	U	T013062	mg/l	SM5210B	2	6/7/01@1430	E84589/JBH
TSS(Eff.)	4.2		T013062	mg/l	160.2	0.5	6/7/01@1030	E84589/TMH
COD	170		T013062	mg/l	410.1	20	6/7/2001	E84589/JBH
Ammonia	0.089		T013062	mg/l	350.1	0.05	6/8/01@1044	E84589/DMC
Nitrate	0.35		T013062	mg/l	4500NO3F	0.05	6/6/01@1715	E84589/DMC
TN	3.6		T013062	mg/l	351.2,4500NO3F	0.05	6/6/01@1715	E84589/DMC
TKN	3.2		T013062	mg/l	351.2	0.02	6/14/01@0830	E84589/DMC
TP	0.9		T013062	mg/l	365.4	0.02	6/14/01@1115	E84589/DMC
Fecal	<1	U	T013062	CFU/100ml	SM9222D	1	6/6/01@1345	E84589/TMH
Total Chlorine(Eff)	0.29		T013062	mg/l	SM4500CLD	0.1	6/7/2001	E84589/DMC
PH	7.9		T013062	N/A	150.1	1	6/6/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER

7013062

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME: [REDACTED]		PRESERVATIVE	
ADDRESS: 240 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:		CONTAINER SIZE AND TYPE	
LECANO FLA		PROJECT LOCATION: [REDACTED]		ANALYSIS REQUESTED	
PHONE:	FAX:	SAMPLED BY: [REDACTED]		LAB USE	
CONTACT: Jim		SPECIAL INSTRUCTIONS: PH 7.9 temp 27°C		LAB USE	
TURN AROUND TIME or RESULTS DUE BY:				LAB USE	
☒ STANDARD ☐ RUSH ☐ OTHER		☒ VERBAL ☐ FAX ☒ HARD COPY		LAB USE	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	EFF Lechade	6/6/01	0930	WW	4	X	X	X	X						

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS: Pickup		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	Lab Kit	[Signature]	6/1/01	AM
		2	[Signature]	[Signature]	6/6/01	0930
		3	[Signature]	[Signature]	6/6/01	1230
		4	[Signature]			
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: [Signature]		

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/30/01@0930
P.O. Number
Sample Pickup: 5/30/01@0930
Lab Custody Date: 5/30/01@1150
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-012921
RID = 01-5-5

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/Analyst Init
CBOD(Eff.)	<2	U	T012921	mg/l	SM5210B	2	5/31/01@1700	E84589/JBH
TSS(Eff.)	4.4		T012921	mg/l	160.2	0.5	5/31/01@1250	E84589/TMH
COD	140		T012921	mg/l	410.1	20	6/1/2001	E84589/JBH
Ammonia	0.074		T012921	mg/l	350.1	0.05	5/31/01@1519	E84589/DMC
Nitrate	0.66		T012921	mg/l	4500NO3F	0.05	5/31/01@1006	E84589/DMC
TN	3.9		T012921	mg/l	351.2,4500NO3F	0.05	5/31/01@1006	E84589/DMC
TKN	3.2		T012921	mg/l	351.2	0.02	6/7/01@0805	E84589/DMC
TP	1		T012921	mg/l	365.4	0.02	6/7/01@1015	E84589/DMC
Fecal	<1	U	T012921	CFU/100ml	SM9222D	1	5/30/01@1455	E84589/TMH
Total Chlorine(Eff)	0.32		T012921	mg/l	SM4500CLD	0.1	5/31/2001	E84589/DMC
PH	7.8		T012921	N/A	150.1	1	5/30/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER

1012921

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE:
ADDRESS: 240 Gulf to Bay Hwy	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE:
LELANDO FLA	PROJECT LOCATION:	6 GAL 120 TX10 120 L2504
PHONE: FAX:	SAMPLED BY: J Edonfield	ANALYSIS REQUIRED:
CONTACT: JLM	SPECIAL INSTRUCTIONS: PH 7-8 Temp 27°C	CIBOD TSS NO3 FC TPTN NH3 Cd Pb Cu
TURN AROUND TIME or RESULTS DUE BY: ☒ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☒ HARD COPY		LAB USE

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	EFF Leachate	5/30/01	0930	WW	4	X	X	X	X				

* GW—Groundwater

SW—Surface Water

DW—Drinking Water

WW—Waste Water

SO—Solid/Soil

SL—Sludge

HW—Hazardous Waste

A—Air

FIELD PARAMETERS / COMMENTS:

CONTAINER/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: UPS	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
			1	LAB KIT	Juan A. B...	5/30/01	AM
			2	Juan A. B...	J. B...	5/30/01	0930
			3	J. B...	T. B...	5/30/01	1130
			4				

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy

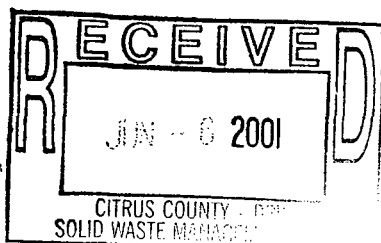


Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/23/01@0930
P.O. Number
Sample Pickup: 5/23/01@0930
Lab Custody Date: 5/23/01@1225
DOH Certification: E84589
DEP/Comqap#: 980174



COMMENTS: E01-012789
RID = 01-5-4

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T012789	mg/l	SM5210B	2	5/24/01@1200	E84589/JBH
TSS(Eff.)	3.6		T012789	mg/l	160.2	0.5	5/24/2001	E84589/TMH
COD	110		T012789	mg/l	410.1	20	5/24/2001	E84589/JBH
Ammonia	0.066		T012789	mg/l	350.1	0.05	5/23/01@1520	E84589/DMC
Nitrate	0.43		T012789	mg/l	4500NO3F	0.05	5/23/01@1303	E84589/DMC
TN	3.8		T012789	mg/l	351.2,4500NO3F	0.05	5/23/01@1303	E84589/DMC
TKN	3.2		T012789	mg/l	351.2	0.02	5/30/01@0830	E84589/DMC
TP	0.89		T012789	mg/l	365.4	0.02	5/30/01@1000	E84589/DMC
Fecal	<1	U	T012789	CFU/100ml	SM9222D	1	5/23/01@1245	E84589/DG
Total Chlorine(Eff)	0.67		T012789	mg/l	SM4500CLD	0.1	5/24/2001	E84589/DG
PH	7.6		T012789	N/A	150.1	1	5/23/2001	E84589/JB

Approved by:


Michael Cammarata, Laboratory Manager



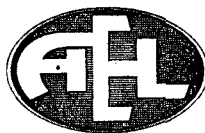
- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
- ☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- ☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CLIENT NAME: CITRUS COUNTY LANDRELL	PROJECT NAME:	PRESERVATIVE 1
ADDRESS: 240 GALT WAY HWY LECANO FLA	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE 120
PHONE: FAX:	PROJECT LOCATION:	120 H2SO4 THRO
CONTACT: VIN BRUNSWICK	SAMPLED BY: J. EDENFIELD	ANALYSIS CBOB TSS NO.3 TURNERAN3 COD TKN FC
TURN AROUND TIME or RESULTS DUE BY: ☒ STANDARD ☐ RUSH ☐ OTHER ☐ VERBAL ☐ FAX ☐ HARD COPY	SPECIAL INSTRUCTIONS: PH 7.6 TEMP 27°C	LAB USE

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	QAB KIT	[Signature]	5/1/01	AM
		2	[Signature]	[Signature]	5/23/01	0930
		3	[Signature]	[Signature]	5/23/01	1225
		4				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: NA			

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy

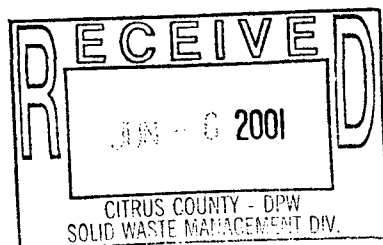


Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/16/01@1000
P.O. Number
Sample Pickup: 5/16/01@1000
Lab Custody Date: 5/16/01@1200
DOH Certification: E84589
DEP/Comqap#: 980174



COMMENTS: E01-012635
RID= 01-5-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T012635	mg/l	SM5210B	2	5/17/01@1600	E84589/JBH
TSS(Eff.)	3		T012635	mg/l	160.2	0.5	5/17/2001	E84589/TMH
COD	102		T012635	mg/l	410.1	20	5/24/2001	E84589/JBH
Ammonia	0.05		T012635	mg/l	350.1	0.05	5/16/01@1449	E84589/DMC
Nitrate	0.42		T012635	mg/l	4500NO3F	0.05	5/16/01@1627	E84589/DMC
TN	3.2		T012635	mg/l	351.2,4500NO3F	0.05	5/16/01@1627	E84589/DMC
TKN	2.8		T012635	mg/l	351.2	0.02	5/24/01@0945	E84589/DMC
TP	0.87		T012635	mg/l	365.4	0.02	5/24/01@1200	E84589/DMC
Fecal	<1	U	T012635	CFU/100ml	SM9222D	1	5/16/01@1300	E84589/TMH
Total Chlorine(Eff)	0.66		T012635	mg/l	SM4500CLD	0.1	5/17/2001	E84589/DMC
PH	7.3		T012635	N/A	150.1	1	5/16/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



Advanced Environmental Laboratories, Inc.

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER: 1012635

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE
ADDRESS: 240 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:		CONTAINER SIZE AND TYPE
LECANTO FLA		PROJECT LOCATION:		126 120 TX10 120 H250X
PHONE:	FAX:	CONTACT: Jim Brunswick		SAMPLED BY: J. Edentfeld
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS:		
☒ STANDARD ☐ RUSH ☐ OTHER		☒ VERBAL ☐ FAX ☒ HARD COPY		
		PH 7.3 Temp 24°C		

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	EEF Leachate	5/16/01	10:00	WW	4	X	X	X	X

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	Lab Kit	J. Edentfeld	5/16/01	14M
		2	Jim Brunswick	J. Edentfeld	5/16/01	10:00
		3	J. Edentfeld	J. Edentfeld	5/16/01	12:00
		4				



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/9/01@1000
P.O. Number
Sample Pickup: 5/9/01@1000
Lab Custody Date: 5/9/01@1310
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-012495
RID=01-5-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T012495	mg/l	SM5210B	2	5/10/01@0830	E84589/JBH
TSS(Eff.)	2.2		T012495	mg/l	160.2	0.5	5/10/2001	E84589/TMH
COD	130		T012495	mg/l	410.1	20	5/15/2001	E84589/JBH
Ammonia	0.097		T012495	mg/l	350.1	0.05	5/16/01@1449	E84589/DMC
Nitrate	0.05		T012495	mg/l	4500NO3F	0.05	5/9/01@1325	E84589/DMC
TN	2.3		T012495	mg/l	351.2,4500NO3F	0.05	5/9/01@1325	E84589/DMC
TKN	2.2		T012495	mg/l	351.2	0.02	5/17/01@0900	E84589/DMC
TP	0.93		T012495	mg/l	365.4	0.02	5/17/01@0900	E84589/DMC
Fecal	<1	U	T012495	CFU/100ml	SM9222D	1	5/9/01@1500	E84589/TMH
Total Chlorine(Eff)	0.6		T012495	mg/l	SM4500CLD	0.1	5/10/2001	E84589/DMC
PH	7.6		T012495	N/A	150.1	1	5/9/2001	E84589/JB

Approved by: 

Michael Cammarata, Laboratory Manager



JOB NUMBER TO12495

- Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
- Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CLIENT NAME: COTRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 246 GULF TO WAY HWY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LECANTO FLA	PROJECT LOCATION:	ANALYSES REQUIRED
PHONE: FAX:	SAMPLED BY: J Edentfield	LAB USE
CONTACT: Jim Brunswick	SPECIAL INSTRUCTIONS: Temp 23°C PH 7:6	
TURN AROUND TIME or RESULTS DUE BY:		
☒ STANDARD ☐ RUSH ☐ OTHER	☐ VERBAL ☐ FAX ☒ HARD COPY	

[illegible]

* GW—Groundwater SW—Surface Water DW—Drinking Water ~~WW—Waste Water~~ SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	Lab R/T	<i>[Signature]</i>	5/9/01	1A/M
		2	<i>[Signature]</i>	<i>[Signature]</i>	5/9/01	10:00
		3	<i>[Signature]</i>	<i>[Signature]</i>	5/9/01	1:30
		4				
CONTAINERS/SEALS INTACT ☐ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <i>[Signature]</i>				

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/2/01@0930
P.O. Number
Sample Pickup: 5/2/01@0930
Lab Custody Date: 5/2/01@1140
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-012332
RID=01-5-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/Analyst Init
CBOD(Eff.)	<2	U	T012332	mg/l	SM5210B	2	5/4/01@0745	E84589/JBH
TSS(Eff.)	1.8		T012332	mg/l	160.2	0.5	5/3/2001	E84589/TMH
COD	120		T012332	mg/l	410.1	20	5/3/2001	E84589/JBH
Ammonia	0.064		T012332	mg/l	350.1	0.05	5/9/01@1129	E84589/DMC
Nitrate	0.31		T012332	mg/l	4500NO3F	0.05	5/3/01@0802	E84589/DMC
TN	5.4		T012332	mg/l	351.2,4500NO3F	0.05	5/3/01@0802	E84589/DMC
TKN	5.1		T012332	mg/l	351.2	0.02	5/3/01@1000	E84589/DMC
TP	<0.02	U	T012332	mg/l	365.4	0.02	5/3/01@1400	E84589/DMC
Fecal	<1	U	T012332	CFU/100ml	SM9222D	1	5/2/01@1400	E84589/TMH
Total Chlorine(Eff)	1.3		T012332	mg/l	SM4500CLD	0.1	5/4/2001	E84589/DMC
PH	7.3		T012332	N/A	150.1	1	5/2/2001	E84589/JB

Approved by: 
Michael Cammarata, Laboratory Manager

- Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
- Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

JOB NUMBER

MBER 10/23/31

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE	1
ADDRESS: 240 GULF TOWWAY HWY LECANTO FLA	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE	26 120 120 1250 0.110
PHONE: FAX:	PROJECT LOCATION:	ANALYSES REQUIRED	COBOD TSS NO3 COD TKN NH3 TPTM FC
CONTACT: Jim BRUNSWICK	SAMPLED BY: J EDENFIELD		
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: pH 7.3 Temp 23°C	LAB USE	

[illegible]

* GW—Groundwater

SW—Surface Water

DW—Drinking Water

WW—Waste Water

SO—Solid/Soil

SL—Sludge

HW—Hazardous Waste

A—Air

FIELD PARAMETERS / COMMENTS:			TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
			1	Lat. Kit	James A. Bennett	5/2/01	11 AM
			2	James A. Bennett	J. G. Goff	5/2/01	0930
			3	J. G. Goff	J. G. Goff	5/2/01	1140
			4				

Pickup

CONTAINERS/SEALS INTACT	ON ICE/4°C	SHIPPED VIA:
☒ YES ☐ NO	☒ YES ☐ NO	

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

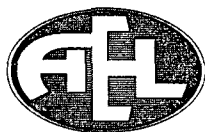
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/25/01@1000
P.O. Number
Sample Pickup: 4/25/01@0950
Lab Custody Date: 4/25/01@1215
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-012200
R117=01-4-4

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T012200	mg/l	SM5210B	2	4/26/01@1230	E84589/JBH
TSS(Eff.)	1.4		T012200	mg/l	160.2	0.5	4/26/2001	E84589/TMH
COD	120		T012200	mg/l	410.1	20	4/26/2001	E84589/JBH
Ammonia	0.52		T012200	mg/l	350.1	0.05	5/1/01@1445	E84589/DMC
Nitrate	0.32		T012200	mg/l	4500NO3F	0.05	4/25/01@1525	E84589/DMC
TN	3.1		T012200	mg/l	351.2,4500NO3F	0.05	4/25/2001	E84589/DMC
TKN	2.8		T012200	mg/l	351.2	0.02	5/3/01@1000	E84589/DMC
TP	2		T012200	mg/l	365.4	0.02	5/3/01@1400	E84589/DMC
Fecal	<1	U	T012200	CFU/100ml	SM9222D	1	4/25/01@1300	E84589/TMH
Total Chlorine(Eff)	0.47		T012200	mg/l	SM4500CLD	0.1	4/26/2001	E84589/DMC
PH	7.9		T012200	N/A	150.1	1	4/25/2001	E84589/JB

Approved by:


Michael Cammarata, Laboratory Manager

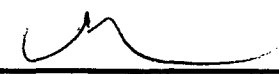


Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/25/01@1000
P.O. Number
Sample Pickup: 4/25/01@0950
Lab Custody Date: 4/25/01@1215
DOH Certification: E5489
DEP/Comqap#: 980174

COMMENTS: E 01-012200-01
R15 = 01-4-5

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
Arsenic	0.012		T012200	ug/l	6010B	10	5/1/2001	E82574/KC
Barium	0.026		T012200	ug/l	6010B	10	5/1/2001	E82574/KC
Cadmium	<5	U	T012200	ug/l	6010B	5	5/1/2001	E82574/KC
Chromium	<10U		T012200	ug/l	6010B	10	5/1/2001	E82574/KC
Lead	0.014		T012200	ug/l	6010B	5	5/1/2001	E82574/KC
Selenium	<10	U	T012200	ug/l	6010B	10	5/1/2001	E82574/KC
Silver	<10	U	T012200	ug/l	6010B	10	5/1/2001	E82574/KC
Mercury	<2	U	T012200	ug/l	7470A	2	4/30/2001	E82574/KC
Iron	<50	U	T012200	ug/l	6010B	50	5/1/2001	E82574/KC
Sodium	610		T012200	ug/l	7790	500	5/4/2001	E82574/KC
Ethylene Dibromide	<0.02	U	T012200	ug/l	EPA 504	0.02	5/1/2001	E82574/KB
Total Xylenes	<2	U	T012200	ug/l	EPA 601/602	2	5/1/2001	E82574/KB
Total Trihalomethane	230		T012200	ug/l	EPA 601/602	1	5/1/2001	E82574/KB
Benzene	<1	U	T012200	ug/l	EPA 601/602	1	5/1/2001	E82574/KB
Toluene	<1	U	T012200	ug/l	EPA 601/602	1	5/1/2001	E82574/KB
Ethylbenzene	<1	U	T012200	ug/l	EPA 601/602	1	5/1/2001	E82574/KB
Chloride	1200		T012200	mg/l	4500CLE	1	4/30/01@1430	E84589/DMC
TDS	2218		T012200	mg/l	160.3	2	4/30/2001	E84589/JBH

Approved by: 
Michael Cammarata, Laboratory Manager



**Advanced
Environmental Laboratories, Inc.**

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER: **102200**

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE - - H2SO4 - - HNO3 - HCl	
ADDRESS: 246 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE 12 GAL 500 120 120 240mL 500 500
LEONARDO FLA		PROJECT LOCATION:			
PHONE:	FAX:	SAMPLED BY: J Edonfield			ANALYSES REMOVED FROM CHAIN OF CUSTODY LAB USE
CONTACT: Jim BRUNSWICK		SPECIAL INSTRUCTIONS: pH 7.9 temp 23°C			
TURN AROUND TIME or RESULTS DUE BY: ☒ STANDARD ☐ RUSH ☐ OTHER		☒ VERBAL ☐ FAX ☒ HARD COPY			

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	EFF Leonate	4/25/01	1000	WW	7	X	X	X	X	X	X	X	X	X	X

* GW—Groundwater SW—Surface Water DW—Drinking Water **WW—Waste Water** SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS: Pickup		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	LAB KIT	Jim Brunner	4/24/01	AM
		2	Jim Brunner	Deborah	4/25/01	0950
		3	Deborah	Deborah	4/25/01	1215
		4				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: 		



Advanced Environmental Laboratories, Inc.

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER: 15

CLIENT NAME: AEL - Tampa		PROJECT NAME:		PRESERVATIVE: CONTAINER SIZE AND TYPE: ANALYST:
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:		
PHONE: FAX:		PROJECT LOCATION:		
CONTACT:		SAMPLED BY:		
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS:		
☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAINERS				
		DATE	TIME						
	T01220D	4/25/01	1000	WW	1	X	X	X	X

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:	TRANS NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	<i>[Signature]</i>	<i>[Signature]</i>	4-25-01	1504
	2	<i>[Signature]</i>	<i>[Signature]</i>	4-26-01	1008
	3				
	4				
CONTAINERS/SEALS INTACT ☐ YES ☐ NO		ON ICE/4°C ☐ YES ☐ NO		SHIPPED VIA: <i>[Signature]</i>	

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/18/01@1020
P.O. Number
Sample Pickup: 4/18/01@1020
Lab Custody Date: 4/18/01@1340
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-012038
RID = 01-4-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T012038	mg/l	SM5210B	2	4/20/01@0745	E84589/JBH
TSS(Eff.)	0.8		T012038	mg/l	160.2	0.5	4/19/2001	E84589/BN
COD	100		T012038	mg/l	410.1	20	4/25/2001	E84589/JBH
Ammonia	0.1		T012038	mg/l	350.1	0.05	4/25/2001	E84589/DMC
Nitrate	0.32		T012038	mg/l	4500NO3F	0.05	4/18/01@1612	E84589/DMC
TN	3.1		T012038	mg/l	351.2,4500NO3F	0.05	4/18/2001	E84589/DMC
TKN	2.8		T012038	mg/l	351.2	0.02	4/26/2001	E84589/DMC
TP	2.2		T012038	mg/l	365.4	0.02	4/26/2001	E84589/DMC
Fecal	<1	U	T012038	CFU/100ml	SM9222D	1	4/18/01@1420	E84589/TMH
Total Chlorine(Eff)	0.3		T012038	mg/l	SM4500CLD	0.1	4/19/2001	E84589/DMC
PH	7.8		T012038	N/A	150.1	1	4/18/2001	E84589/JB

Approved by: 
Michael Cammarata, Laboratory Manager



**Advanced
Environmental Laboratories, Inc.**

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER

8012038

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE
ADDRESS: 240 GOLF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:		
LECRANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:			
CONTACT: N. M. BRUNSWICK		SAMPLED BY: J. EDENFIELD		CONTAINER SIZE AND TYPE
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: PH 7.8 Temp 20°C		
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		ANALYSIS REQUIRED

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.					LAB USE
		DATE	TIME							
	EFT Leachate	4/18/01	1020	WW	4	X	X	X	X	

* GW—Groundwater SW—Surface Water DW—Drinking Water WW—Waste Water SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS:		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	LAB KIT	<i>[Signature]</i>	4/18/01	AM
		2	<i>[Signature]</i>	<i>[Signature]</i>	4/18/01	1020
		3	<i>[Signature]</i>	<i>[Signature]</i>	4/18/01	1340
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>[Signature]</i>		



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/11/01@0940
P.O. Number
Sample Pickup: 4/11/01@0940
Lab Custody Date: 4/11/01@1300
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-011892
RID = 01-4-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/Analyst Init
CBOD(Eff.)	<2	U	T011892	mg/l	SM5210B	2	4/12/01@1330	E84589/JBH
TSS(Eff.)	1		T011892	mg/l	160.2	0.5	4/12/2001	E84589/TMH
COD	68		T011892	mg/l	410.1	20	4/17/2001	E84589/JBH
Ammonia	0.084		T011892	mg/l	350.1	0.05	4/11/2001	E84589/DMC
Nitrate	0.37		T011892	mg/l	4500NO3F	0.05	4/11/01@1540	E84589/DMC
TN	3		T011892	mg/l	351.2,4500NO3F	0.05	4/11/2001	E84589/DMC
TKN	2.7		T011892	mg/l	351.2	0.02	4/19/2001	E84589/DMC
TP	2.3		T011892	mg/l	365.4	0.02	4/19/2001	E84589/DMC
Fecal	<1	U	T011892	CFU/100ml	SM9222D	1	4/11/01@1400	E84589/TMH
Total Chlorine(Eff)	0.22		T011892	mg/l	SM4500CLD	0.1	4/12/2001	E84589/DMC
PH	7.3		T011892	N/A	150.1	1	4/11/2001	E84589/JB

Approved by:


Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

JOB NUMBER **1011892**

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 240 GULE TOWAY HWY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LECRANTO FLA	PROJECT LOCATION:	ANALYSES REQUESTED
PHONE: FAX:	SAMPLED BY: J Edentfield	LAB USE
CONTACT: Jim Brunswick	SPECIAL INSTRUCTIONS: pH 7.3 Temp 25°C	
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	Eff Leachate	4/11/01	0940	WW	4	X	X	X	X						

* GW—Groundwater SW—Surface Water DW—Drinking Water **WW—Waste Water** SO—Solid/Soil SL—Sludge HW—Hazardous Waste A—Air

FIELD PARAMETERS / COMMENTS: Picked		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	<i>[Signature]</i>	<i>[Signature]</i>	4/11/01	0940
		2	<i>[Signature]</i>	<i>[Signature]</i>	4/11/01	1300
		3				
CONTAINERS/SEALS INTACT: ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>[Signature]</i>			



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/4/01@1000
P.O. Number
Sample Pickup: 4/4/01@1005
Lab Custody Date: 4/4/01@1245
DOH Certification: E84589
DEP/Comqap#: 980174

COMMENTS: E01-011756
R117 = 04-4-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Lab ID/ Analyst Init
CBOD(Eff.)	<2	U	T011756	mg/l	SM5210B	2	4/5/01@0930	E84589/JBH
TSS(Eff.)	2.6		T011756	mg/l	160.2	0.5	4/5/2001	E84589/TMH
COD	93		T011756	mg/l	410.1	20	4/6/2001	E84589/JBH
Ammonia	0.12		T011756	mg/l	350.1	0.05	4/11/2001	E84589/DMC
Nitrate	0.25		T011756	mg/l	4500NO3F	0.05	4/4/01@1519	E84589/DMC
TN	4.2		T011756	mg/l	351.2,4500NO3F	0.05	4/4/2001	E84589/DMC
TKN	3.9		T011756	mg/l	351.2	0.02	4/12/2001	E84589/DMC
TP	2.5		T011756	mg/l	365.4	0.02	4/12/2001	E84589/DMC
Fecal	<1	U	T011756	CFU/100ml	SM9222D	1	4/4/01@1330	E84589/TMH
Total Chlorine(Eff)	0.51		T011756	mg/l	SM4500CLD	0.1	4/5/2001	E84589/DMC
PH	7.6		T011756	N/A	150.1	1	4/4/2001	E84589/JB

Approved by:


Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

- ☐ Jacksonville: 8936 Western Way, Suite 7, Jacksonville, FL 32256 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

JOB NUMBER

1011734

CLIENT NAME: CITRUS County Landfill	PROJECT NAME:	PRESERVATIVE 1 1
ADDRESS: 240 GULF TO WAY HWY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE 264L 120 BAG 021
LECANTO FLA	PROJECT LOCATION:	ANALYSES REQUIRED 555 NO 3 FC 1002 POSITIVE
PHONE: FAX:	SAMPLED BY: J. EDENFIELD	LAB USE
CONTACT: Jim BRUNSWICK	SPECIAL INSTRUCTIONS: Temp 22°C pH 7.6	
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	EFF Leachate	4/4/01	10:00	WW	4	X	X	X	X				

* GW—Groundwater

SW—Surface Water

DW—Drinking Water

WW—Waste Water

SO—Solid/Soil

SL—Sludge

HW—Hazardous Waste

A—Air

FIELD PARAMETERS / COMMENTS:

CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: Pickup	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
			1	LAB KIT	James A. Brunick	4/4/01	AM
			2	James A. Brunick	Edenfield	4/4/01	1005
			3	Edenfield	Donne Cerno	4/4/01	1245
			4				

DISTRIBUTION: White—Client Copy Yellow—Lab Copy Pink—Sample Copy