

WAC 39859

BOARD OF COUNTY COMMISSIONERS DEPARTMENT OF PUBLIC WORKS

3600 W. SOVEREIGN PATH
LECANTO, FLORIDA 34461

ADMINISTRATION OFFICE
Suite 212
352-527-5477 Phone
352-527-5479 Fax

ENGINEERING DIVISION:
Suite 241
352-527-5446 Phone
352-527-5476 Fax

- Land Section
Suite 205
352-527-5447 Phone
352-527-5459 Fax
- Permits & Compliance Sec.
Suite 204
352-527-5448 Phone
352-527-5319 Fax
- Project Management Sec.
Suite 241
352-527-5449 Phone
352-527-5482 Fax
- Survey Section
Suite 241
352-527-5446 Phone
352-527-5482 Fax

300 S. LECANTO HIGHWAY
LECANTO, FLORIDA 34461

- MAINTENANCE OPERATIONS:
- Facilities Maint. Section
PO Box 143
Lecanto, FL 34460
352-527-0333 Phone
352-527-0654 Fax
 - Fleet Management Section
PO Box 215
Lecanto, FL 34460
352-746-6888 Phone
352-746-5011 Fax

QUATIC SERVICES
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

ROAD MAINTENANCE
PO Box 167
Lecanto, FL 34460
352-746-4107 Phone
352-746-1203 Fax

UTILITIES DIVISION
PO Box 440
Lecanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

LID WASTE MANAGEMENT
230 W. Gulf to Lake Highway
PO Box 340
Lecanto, FL 34460
352-746-5000 Phone
352-527-1204 Fax

April 11, 2000

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

REPLY TO:
Solid Waste Management

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 1-00 through 3-00:

- 1) Weekly effluent analytical results. There were no exceedences of permit limits during this period.
- 2) Quarterly effluent analytical results. There are exceedences of drinking water maximum contamination levels during this period for sodium, chloride, total dissolved solids, and Total Trihalomethanes, however those are not permit violations.

Also enclosed, please find the annual QA approval letter for the County's contractor, Advanced Environmental Laboratories, Inc. - Tampa Office.

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

Sincerely,

Susan J Metcalfe

Susan J. Metcalfe
Director, Division of
Solid Waste Management

SJM:CJW:cjw/(swmFshared:swm_ltc:Morrise41100.doc)

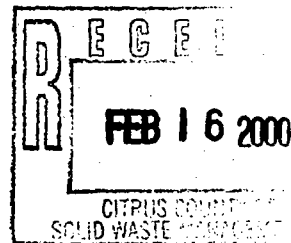
CC: Chongman Lee, - Solid Waste - Tallahassee w/analysis
Kenneth Saunders, Director, Dept. Public Works w/xls.sheet
Kim Ford, P.E., Depart of Environmental Protection w/xls.sheet

Jeb Bush
Governor



Robert G. Brooks, M.D.
Secretary

October 4, 1999



Charles Ged
Advanced Environmental Laboratories, Inc. - Tampa
5810 Breckenridge Parkway, Suite D
Tampa, FL 33610

Subject: Quality Assurance Review; Advanced Environmental Laboratories, Inc. - Tampa;
Comprehensive QA Plan # 980174, Revision 3

Dear QA Officer:

The Statement of Intent and QA Planner file for the above referenced plan were received on October 4, 1999. The Department of Health (DOH), Laboratory Certification Program has completed the electronic evaluation of your plan.

Your QA Plan has been approved as explained in the attached evaluation report, with an effective date of October 4, 1999. Capabilities approved by the Statement of Intent are those indicated by the **electronic** copy and the signatures on the hard copy are considered valid only for the electronic version. Your QA Plan file must be revised and resubmitted if you desire approval of any activities that were not approved with this current evaluation.

Chapter 62-160, F.A.C., requires that your organization renew approval of this document on an annual basis. Your annual amendment must consist of a diskette containing your QA Plan file and a signed Statement of Intent even if changes have not been made to your plan. Your renewal request must be received by the DOH, Laboratory Certification Program on or before **October 3, 2000**.

If you have any questions, please contact Nancy Cohen at (904) 791-1580 (voice) or Nancy_Cohen@doh.state.fl.us (email).

Sincerely,

A handwritten signature in cursive script, appearing to read "Stephen A. Arms".

Stephen A. Arms, Program Administrator
DOH, Laboratory Certification Program

For: Sylvia S. Labie, QA Officer
DEP, Quality Assurance Section

SAV/SSL/nc

Attachment (1): Evaluation Report

cc: Sylvia S. Labie, DEP, QA Section

**CITRUS COUNTY CENTRAL LANDFILL
JANUARY, FEBRUARY, MARCH 2000**

[illegible]

CITRUS COUNTY CENTRAL LANDFILL

	MCL	BY	SAMPLE
NOTE: MCL OR GC* UG/L UNLESS MG/L INDICATED	FL GW GC	PERMIT	DATE:
	DOC 1994	SO09-	
	FOR INFO	274381	2/8/00
QUARTERLY PARAMETERS:			
CHLORIDE MG/L	250	ZOD	1,500
SODIUM	160	ZOD	681,000
TOTAL DISSOLVED SOLIDS MG/L	500	ZOD	4,200
ARSENIC	50	N/A	25
BARIUM	2,000	N/A	11
CADMIUM	5	N/A	< 5
CHROMIUM	100	N/A	< 10
IRON	300	N/A	140
MERCURY	2	N/A	< 2
LEAD	15	N/A	< 5
SELENIUM	50	N/A	< 10
SILVER	100	N/A	< 10
TOTAL TRIHALOMETHANES	100	N/A	106.3
(BROMODICHLOROMETHANE)			18
(DIBROMOCHLOROMETHANE)			38.2
(TRIBROMOMETHANE-BROMOFORM)			47
(TRICHLOROMETHANE-CHLOROFORM)			3.1
BENZENE	1	N/A	< 1
TOLUENE	1,000	N/A	< 1
ETHYLBENZENE	700	N/A	< 1
TOTAL XYLENES	10,000	N/A	< 1
ETHYLENE DIBROMIDE (EDB) (1,2-DIBROMOETHANE)	0.02	N/A	< 0.02
cjw			

Domestic Wastewater Treatment Plant Monthly Operating Report

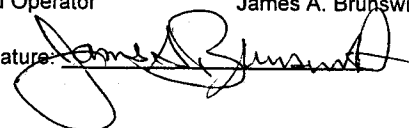
Part II - General Information

- (1) Month MARCH Year 2000
- (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
☒ Membrane filter Most Probable Number
- (12) Type Of Effluent Disposal or Reclaimed Water Use
N/A
- (13) Limited Wet Weather Discharge Activated
Yes No ☒ Not Applicable
- (14) Cumulative Days Wet Weather Discharge N/A

Parameter	Units	Storet Code	Value
(16) Monthly average daily flow	mgd	050053	0.006
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.008
(19) Percent of permitted capacity	%	--	21%
(20) CBOD5 Effluent	mg/L	080082	2.5
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	3.3
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.2
(25) Maximum pH		--	8.0
(26) Total N	mg/L	000600	5.0
(27) TKN	mg/L	000625	2.4
(28) Ammonia (NH ₃ - N)	mg/L	000610	0.1
(29) Nitrate	mg/L	071850	1.78
(30) Total Phosphorus	mg/L	000665	12.24
(31) Minimum Chlorine Residual	mg/L	--	0.3
(32) Maximum Chlorine Residual	mg/L	--	1.6
(33) Other Effluent Parameters			
COD	mg/L		125.4

- (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

Lead Operator James A. Brunswick

Signature:  Cert. No. C8197

Month MARCH Year 2000

Note: Flows from 3/15 - 3/21/00 estimated due to meter failure



Advanced
Environmental Laboratories, Inc.

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

<CTRL-SHIFT-E>

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

Effluent SEMLC
w/75

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 03/28/00@1130
P.O. Number
Sample Pickup: 02/28/00@1135
Lab Custody Date: 03/28/00@1705
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.) ⁸⁰⁰⁸²	3.1		T201168	mg/l	SM5210B	2	03/29/00@0900	DMC
TSS(Eff.)	4.5		T201168	mg/l	160.2	1	3/29/00	DMC
COD	83		T201168	mg/l	410.1	20	4/5/00	JBH
Ammonia	0.16		T201168	mg/l	350.1	0.05	3/29/00	DMC
Nitrate	<0.05	U	T201168	mg/l	4500NO3F	0.05	03/29/00@1330	DMC
TN	2.1		T201168	mg/l	351.2, 4500NO3F	0.05	4/4/00	DMC
TKN	2.1		T201168	mg/l	351.2	0.02	4/4/00	DMC
TP	13		T201168	mg/l	365.4	0.02	4/4/00	DMC
Fecal	<1	U	T201168	CIU/100m	SM9222D	1	03/28/00@1715	TMH
Total Chlorine(Eff.) ⁵⁰⁰⁶⁰	0.71		T201168	mg/l	SM4500CLD	0.1	3/29/00	DMC
PH	7.9		T201168	units	150.1	1	3/28/00	MLC

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

JOB NUMBER
7201166

[illegible]



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Environmental Laboratories, Inc.

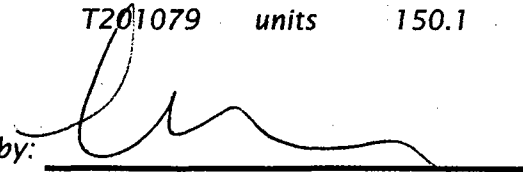
5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 03/21/00@1100
P.O. Number
Sample Pickup: 03/21/00@1110
Lab Custody Date: 03/21/00@1610
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: T 201079

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2		T201079	mg/l	SM5210B	2	03/22/00@0830	JBH
TSS(Eff.)	1		T201079	mg/l	160.2	1	3/23/00	DMC
COD	154		T201079	mg/l	410.1	20	3/24/00	JBH
Ammonia	0.064		T201079	mg/l	350.1	0.05	3/23/00	DMC
Nitrate	<0.05	U	T201079	mg/l	4500NO3F	0.05	03/22/00@1351	DMC
TN	2.1		T201079	mg/l	351.2, 4500NO3F	0.05	3/22/00	DMC
TKN	2.1		T201079	mg/l	351.2	0.02	3/28/00	DMC
TP	10		T201079	mg/l	365.4	0.02	3/28/00	DMC
Fecal	<1	U	T201079	CFU/100m	SM9222D	1	03/21/00@1630	JBH
Total Chlorine(Eff)	0.36		T201079	mg/l	SM4500CLD	0.1	3/21/00	DMC
PH	7.9		T201079	units	150.1	1	3/21/00	MLC

Approved by: 
Michael Cammarata, Laboratory Manager



Advanced Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD

JOB NUMBER

1201079

CLIENT NAME: <i>Citrus Landfill</i>		PROJECT NAME:		PRESERVATIVE <i>1 1 9 5</i>	
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE <i>1/2 1/2 1/2 1/2</i>
PHONE: FAX:		PROJECT LOCATION:			
CONTACT:		SAMPLED BY: <i>M. C. ANMART</i>			ANALYSIS <i>COOD/TS NO3 COO TW TPA Leach</i>
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: <i>pH = 7.90</i>			
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		LAB USE	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	<i>Effluent CCC</i>	<i>3/21/0</i>	<i>1100</i>	<i>WW</i>	<i>4</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>

* 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>	<i>3/21/0</i>	<i>11/6</i>
				2	<i>[Signature]</i>	<i>[Signature]</i>	<i>3/22/0</i>	<i>16N</i>
				3				
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 Conv



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9619
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: 03/16/00@0800
P.O. Number
Sample Pickup: 03/16/00@0800
Lab Custody Date: 03/16/00@1120
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: T 200996

W175

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2.5		T200996	mg/l	SM5210B	2	03/17/00@1500	JBH
TSS(Eff.)	5		T200996	mg/l	160.2	1	3/17/00	MLC
COD	155		T200996	mg/l	410.1	20	3/16/00	JBH
Ammonia	0.1		T200996	mg/l	350.1	0.05	3/23/00	DMC
Nitrate	3.2		T200996	mg/l	4500NO3F	0.05	03/17/00@1354	DMC
TN	16		T200996	mg/l	351.2,4500NO3F	0.05	3/17/00	DMC
TKN	3.4		T200996	mg/l	351.2	0.02	3/21/00	DMC
TP	9.2		T200996	mg/l	365.4	0.02	3/22/00	DMC
Fecal	<1	U	T200996	CFU/100m.	SM9222D	1	03/17/00@1230	TMH
Total Chlorine(Eff)	0.13		T200996	mg/l	SM4500CLD	0.1	3/17/00	DMC
PH	7.25		T200996	units	150.1	1	3/16/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager



**Advanced
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□ Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 • Fax (813) 630-4327

CHAIN OF CUSTODY RECORD

JOB NUMBER

200996

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1 1 120 H2504 120
ADDRESS: 240 GULE TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:		
LECANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:			
CONTACT: Jim BRUNSWICK		SAMPLED BY: J EDENFIELD		CONTAINER SIZE AND TYPE
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: PH 7.25 Temp 23°C		
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		ANALYSIS REQUESTED CBOD TSS EC TN TP COD NH3 NO3
LAB USE				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	EFF Leachate	3/16/00	0800	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	C. Winter	J. Edenfield	3/16/00	0800
		2	J. Edenfield	J. Edenfield	3/16/00	1120
		3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: V	4			



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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: 3/8/00@1010
P.O. Number
Sample Pickup: 3/8/00@1010
Lab Custody Date: 3/8/00@1200
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: T 200878

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2		T200878	mg/l	SM5210B	2	3/9/00@1330	JBH
TSS(Eff.)	3.5		T200878	mg/l	160.2	1	3/14/00	DMC
COD	105		T200878	mg/l	410.1	20	3/16/00	JBH
Ammonia	0.08		T200878	mg/l	350.1	0.05	3/15/00	DMC
Nitrate	<0.05	U	T200878	mg/l	4500NO3F	0.05	3/8/00@1342	DMC
TN	2.1		T200878	mg/l	351.2, 4500NO3F	0.05	3/8/00	DMC
TKN	2.1		T200878	mg/l	351.2	0.02	3/15/00	DMC
TP	11		T200878	mg/l	365.4	0.02	3/15/00	DMC
Fecal	<1	U	T200878	CFU/100m.	SM9222D	1	3/8/00@1315	TMH
Total Chlorine(Eff)	0.37		T200878	mg/l	SM4500CLD	0.1	3/8/00	DMC
PH	7.3		T200878	mg/l	150.1	1	3/8/00	CAW

Approved by:

Michael Cammarata, Laboratory Manager



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Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD

JOB NUMBER T200878

CLIENT NAME: <u>Citrus County Landfill</u>	PROJECT NAME:	PRESERVATIVE
ADDRESS: <u>on file</u>	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
PHONE: _____ FAX: _____	PROJECT LOCATION:	ANALYSIS REQUESTED
CONTACT:	SAMPLED BY:	LAB USE
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: <u>pH - 7.3</u>	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	<u>Effluent CCC</u>	<u>03/08/00</u>	<u>1010</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:				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1			<u>03/08/00</u>	<u>1010</u>
				2			<u>03/08/00</u>	<u>1200</u>
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO				ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <u>P/U</u>		



Advanced
Environmental Laboratories, Inc.

5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9619
FAX (813) 630-4327

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

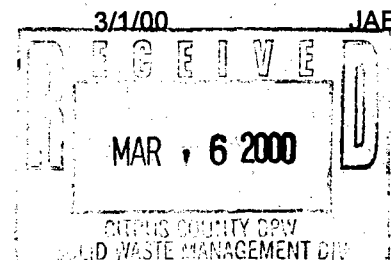
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 3/1/00@1150
P.O. Number
Sample Pickup: 3/1/00@0800
Lab Custody Date: 3/1/00@1150
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: T 200796

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2		T200796	mg/l	SM5210B	1	3/2/00@0930	JBH
TSS(Eff.)	2.5		T200796	mg/l	160.2	1	3/7/00	DMC
COD	130		T200796	mg/l	410.1	20	3/2/00	JBH
Ammonia	<0.02	U	T200796	mg/l	350.1	0.05	3/6/00	DMC
Nitrate	0.36		T200796	mg/l	4500NO3F	0.05	3/1/00@1538	DMC
TN	2.7		T200796	mg/l	351.2,4500NO3F	0.05	3/1/00	DMC
TKN	2.3		T200796	mg/l	351.2	0.005	3/7/00	DMC
TP	18		T200796	mg/l	365.4	0.05	3/7/00	DMC
Fecal	<1	U	T200796	CFU/100ml	SM9222D	1	3/1/00@1355	TMH
Total Chlorine(Eff)	0.47		T200796	mg/l	SM4500CLD	0.1	3/1/00	DMC
PH	7.3		T200796	mg/l	150.1	1	3/1/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager





Advanced
Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD

JOB NUMBER
T200796

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1	
ADDRESS: 246 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE 2 GAL
LANCANTO FLA		PROJECT LOCATION:			
PHONE:	FAX:	CONTACT: J. m. Brunswick			ANALYSES REQUESTED CIBOD TSS FC TP TN COD NH3 NO3 120 1
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: TEMP 19°C P.H. 7.3			
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		LAB USE	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	Eff Leachate	3/1/00	0800	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	<i>[Signature]</i>		<i>[Signature]</i>		3/1/00	0800
		2	<i>[Signature]</i>		<i>[Signature]</i>		3/1/00	1150
		3						
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SNIPPED VIA: <i>[Signature]</i>				

FEB MOR 1

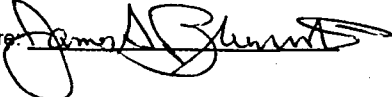
Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

- (1) Month FEB Year 2000
- (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	0.006
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.009
(19) Percent of permitted capacity	%	--	21%
(20) CBOD5 Effluent	mg/L	080082	<2
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	4.0
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	6.9
(25) Maximum pH		--	8.3
(26) Total N	mg/L	000600	4.0
(27) TKN	mg/L	000625	2.5
(28) Ammonia (NH ₃ - N)	mg/L	000610	0.258
(29) Nitrate	mg/L	071850	0.819
(30) Total Phosphorus	mg/L	000665	7.55
(31) Minimum Chlorine Residual	mg/L	--	0.2
(32) Maximum Chlorine Residual	mg/L	--	2.1
(33) Other Effluent Parameters			
COD	mg/L		123

Lead Operator James A. Brunswick

Signature:  Cert. No. C8197

Domestic Wastewater Treatment Plant Monthly Operating Report

Month FEB Year 2000

|--|

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: March 10th 2000

Name (Please Type) James Brunswick

Company Name Citrus County Utilities Division

Telephone No. (Please Type) (352) 746-5000



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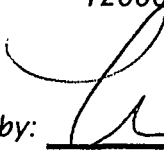
5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 02/23/00@0900
P.O. Number
Sample Pickup: 02/23/00@900
Lab Custody Date: 02/23/00@1210
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: Corrected Report on 03/22/00 T 200693

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200693	mg/l	SM5210B	2	02/24/00@1100	CAW
TSS(Eff.)	7		T200693	mg/l	160.2	1	2/25/00	CAW
COD	91		T200693	mg/l	410.1	20	3/2/00	JBH
Ammonia	0.44		T200693	mg/l	350.1	0.05	2/23/00	DMC
Nitrate	2.8		T200693	mg/l	4500NO3F	0.05	02/24/00@1548	DMC
TN	7		T200693	mg/l	351.2, 4500NO3F	0.05	2/24/00	DMC
TKN	1.7		T200693	mg/l	351.2	0.02	3/1/00	DMC
TP	9.5		T200693	mg/l	365.4	0.02	3/1/00	DMC
Fecal	<1	U	T200693	CFU/100m.	SM9222D	1	02/23/00@1215	TMH
Total Chlorine(Eff)	0.1		T200693	mg/l	SM4500CLD	0.1	2/23/00	DMC
PH	6.9		T200693	units	150.1	1	2/23/00	JAE

Approved by: 
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER
200693

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1
ADDRESS: 240 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:		
LANCANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:	SAMPLED BY: J Edenfield		
CONTACT:		SPECIAL INSTRUCTIONS: PH 6.9 temp 17°C		
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		ANALYSES REQUESTED CIBOD TSS TP TN NH3 Cod FC NO3 BMS 120		
LAB USE				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	Eff Leachate	2/23/00	0900	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	<i>[Signature]</i>	<i>[Signature]</i>	2/23/00	0900
		2	<i>[Signature]</i>	<i>[Signature]</i>	2/23/00	1210
		3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		4				
ON ICE/4°C ☒ YES ☐ NO						
SHIPPED VIA: <i>[Signature]</i>						



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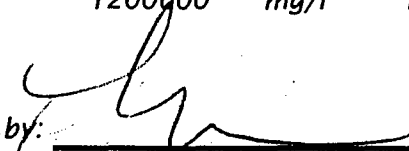
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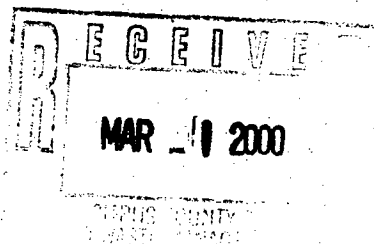
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 02/16/00@0810
P.O. Number
Sample Pickup: 02/16/00@0810
Lab Custody Date: 02/16/00@1250
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: T 200600

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200600	mg/l	SM5210B	2	02/17/00@1600	CAW
TSS(Eff.)	<1	U	T200600	mg/l	160.2	1	2/22/00	CAW
COD	111		T200600	mg/l	410.1	20	2/16/00	CAW
Ammonia	0.44		T200600	mg/l	350.1	0.05	2/17/00	DMC
Nitrate	0.057		T200600	mg/l	4500NO3F	0.05	02/16/00@1408	DMC
TN	2.8		T200600	mg/l	351.2,4500NO3F	0.05	2/16/00	DMC
TKN	2.7		T200600	mg/l	351.2	0.02	2/22/00	DMC
TP	5.9		T200600	mg/l	365.4	0.02	2/22/00	DMC
Fecal	<1	U	T200600	CFU/100m.	SM9222D	1	02/16/00@1430	TMH
Total Chlorine(Eff)	0.85		T200600	mg/l	SM4500CLD	0.1	2/16/00	DMC
PH	7.4		T200600	mg/l	150.1	1	2/16/00	JAE

Approved by: 
Michael Cammarata, Laboratory Manager





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CHAIN OF CUSTODY RECORD

JOB NUMBER

200600

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE 1
ADDRESS: 240 GOLF TOWN WAY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE 56 GAL
LANCANTO FLA	PROJECT LOCATION:	BAGS
PHONE: FAX:		120 H2SO4
CONTACT: Jim BRUNSWICK	SAMPLED BY: J. Edenfield	120
TURN AROUND TIME or RESULTS DUE BY:	SPECIAL INSTRUCTIONS: PH. 7.4 temp 17°C	ANALYSES REQUESTED CR60d +SS PC TP + W COD NH3 NO3
☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		LAB USE

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	EE Leachate	2/16/00	0810	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	<i>James Brunswick</i>	<i>J. Edenfield</i>	2/16/00	810
	2	<i>J. Edenfield</i>	<i>J. Edenfield</i>	2/16/00	1250
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <i>W</i>	4		

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



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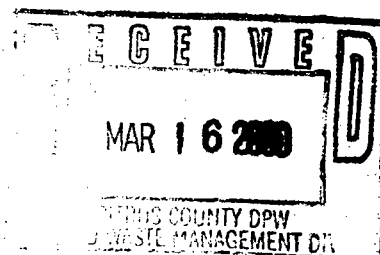
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 02/08/00@0810
P.O. Number
Sample Pickup: 02/08/00@0810
Lab Custody Date: 02/08/00@1040
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: Quarterly Leachate
Corrected Report on 03/14/00

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
Arsenic	25		T200466	ug/L	200.7	10	2/9/00	SH
Barium	11		T200466	ug/L	200.7	10	2/9/00	SH
Cadmium	<5.0	U	T200466	ug/L	200.7	5	2/9/00	SH
Chromium	<10.0	U	T200466	ug/L	200.7	10	2/9/00	SH
Lead	<5.0	U	T200466	ug/L	200.7	5	2/9/00	SH
Selenium	<10.0	U	T200466	ug/L	200.7	10	2/9/00	SH
Silver	<10.0	U	T200466	ug/L	200.7	10	2/9/00	SH
Mercury	<2.0	U	T200466	ug/L	245.1	2	2/9/00	SH
Iron	140		T200466	ug/L	200.7	50	2/9/00	SH
Sodium	681000		T200466	ug/L	273.1	100000	2/14/00	SH
Chloride	1500		T200466	mg/l	4500CLE	1	2/9/00	DMC
TDS	4200		T200466	mg/l	160.1	2	2/9/00	DMC
Ethylene Dibromide	<0.02	U	T200466	ug/L	EPA 504	0.02	2/16/00	LC
Total Xylenes	<1	U	T200466	ug/L	EPA 601/602	1	2/10/00	LC
Bromodichloromethane	18		T200466	ug/L	EPA 601/602	1	2/10/00	LC
Dibromochloromethane	38.2		T200466	ug/L	EPA 601/602	1	2/10/00	LC
Chloroform	3.1		T200466	ug/L	EPA 601/602	1	2/10/00	LC
Bromoform	47		T200466	ug/L	EPA 601/602	1	2/10/00	LC
Benzene	<1	U	T200466	ug/L	EPA 601/602	1	2/10/00	LC
Toluene	<1	U	T200466	ug/L	EPA 601/602	1	2/10/00	LC
Ethylbenzene	<1	U	T200466	ug/L	EPA 601/602	1	2/10/00	LC

Approved by: 
Michael Cammarata, Laboratory Manager





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CHAIN OF CUSTODY RECORD

JOB NUMBER

200466

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE HNO₃	
ADDRESS: 240 GOLF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE 160
LANCANTO FLA		PROJECT LOCATION:			
PHONE:	FAX:	SAMPLED BY: N Edon Field			ANALYSIS ELEMENTS TESTED As, B, Cd, Cr, Fe, Hg, Se, Pb, Tl, Zn
CONTACT:		SPECIAL INSTRUCTIONS: pH 7.2 tem 15°C			
TURN AROUND TIME or RESULTS DUE BY:		LAB USE			
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY			

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	EEF (post C12)	2/8/00	810	WW	6	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	<i>James B. Smith</i>	<i>J. Washfield</i>	2/8/00	810
	2	<i>J. Washfield</i>	<i>J. Washfield</i>	2/8/00	1640
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <i>V</i>	4		

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



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(813) 630-9619
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: 2/8/00@0810
P.O. Number
Sample Pickup: 2/8/00@0810
Lab Custody Date: 2/8/00@1040
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: T200467

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200467	mg/l	SM5210B	1	2/8/00@1230	CAW
TSS(Eff.)	1.5		T200467	mg/l	160.2	1	2/11/00	CAW
COD	147		T200467	mg/l	410.1	20	2/16/00	CAW
Ammonia	0.068		T200467	mg/l	350.1	0.05	2/8/00	DMC
Nitrate	0.15		T200467	mg/l	4500NO3F	0.05	2/9/00@1615	DMC
TN	3.1		T200467	mg/l	351.2,4500NO3F	0.05	2/8/00	DMC
TKN	2.7		T200467	mg/l	351.2	0.005	2/15/00	DMC
TP	6.7		T200467	mg/l	365.4	0.05	2/15/00	DMC
Fecal	2		T200467	CFU/100ml	SM9222D	1	2/8/00@1220	TMH
Total Chlorine(Eff)	0.34		T200467	mg/l	SM4500CLD	0.1	2/8/00	DMC
PH	7.8		T200467	mg/l	150.1	1	2/8/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager

CHAIN OF CUSTODY RECORD

JOB NUMBER

JOB NUMBER 200467

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 2040 GULF TO WAY Hwy	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LANCETO FLA	PROJECT LOCATION:	ANALYSES REQUESTED
PHONE: FAX:	SAMPLED BY: J. Eidenfield	LAB USE
CONTACT: Jim Brunswick	SPECIAL INSTRUCTIONS:	
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	James A. Brown	Richard	2/8/00	810
			2	Richard	Richard	2/8/00	1040
			3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: Uln	4				



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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: 02/03/00@1045
P.O. Number
Sample Pickup: 02/03/00@1100
Lab Custody Date: 02/03/00@1615
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: 200423

Parameter ID	Analysis Result	Data Qualifier	Lab ID Results	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200423	mg/l	SM5210B	2	02/05/00@1500	CAW
TSS(Eff.)	3.5		T200423	mg/l	160.2	1	2/8/00	CAW
COD	143		T200423	mg/l	410.1	20	2/4/00	DMC
Ammonia	0.093		T200423	mg/l	350.1	0.05	2/8/00	DMC
Nitrate	0.27		T200423	mg/l	4500NO3F	0.05	02/03/00@1700	MLC
TN	3.2		T200423	mg/l	351.2, 4500NO3F	0.05	2/3/00	DMC
TKN	2.9		T200423	mg/l	351.2	0.02	2/8/00	DMC
TP	8.1		T200423	mg/l	365.4	0.02	2/8/00	DMC
Fecal	<1	U	T200423	CFU/100m.	SM9222D	1	02/03/00@1645	TMH
Total Chlorine(Eff)	0.62		T200423	mg/l	SM4500CLD	0.1	2/3/00	DMC
PH	7.4		T200423	mg/l	150.1	1	2/3/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER 1200423

CLIENT NAME: <u>CITRUS COUNTY LANDFILL</u>	PROJECT NAME:	PRESERVATIVE
ADDRESS: <u>240 GULF TO BAY HWY.</u>	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
<u>LANCANTO FLA</u>	PROJECT LOCATION:	<u>120 HZSO</u>
PHONE: FAX:	SAMPLED BY: <u>M. CAMMARATA</u>	ANALYSIS REQUIRED
CONTACT: <u>Jim BRUNSWICK</u>	SPECIAL INSTRUCTIONS:	<u>CBOD TSS</u>
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		<u>TP TN Cod NH3</u>
		<u>NO3</u>
		<u>FC</u>
		<u>BOD5</u>
		LAB USE

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	<u>LEE Leachate</u>	<u>2/3/00</u>	<u>1045</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	<u>WW—Waste Water</u>	SO—Solid/Soil	SL—Sludge	HW—Hazardous Waste	A—Air	
FIELD PARAMETERS / COMMENTS: <u>PH = 7.4</u>				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1	<u>[Signature]</u>	<u>[Signature]</u>	<u>2/3/00</u>	<u>1100</u>
				2	<u>[Signature]</u>	<u>[Signature]</u>	<u>2/3/00</u>	<u>1615</u>
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO								
ON ICE/4°C ☒ YES ☐ NO								
SHIPPED VIA: <u>0</u>				4				

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

(1) Month JAN Year 2000

(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

[illegible]

(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: _____

Cert. No.

Month JAN Year 2000

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: Feb 9th, 2000

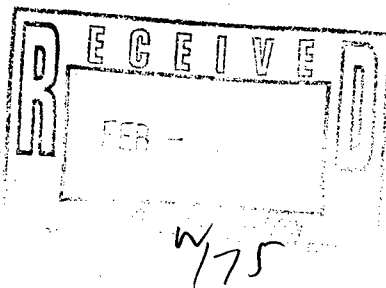
(352) 746-5000



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(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: 01/26/00@0815
P.O. Number
Sample Pickup: 01/26/00@0815
Lab Custody Date: 01/26/00@1200
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200300	mg/l	SM5210B	2	01/27/00@0900	CAW
TSS(Eff.)	6.5		T200300	mg/l	160.2	1	1/31/00	CAW
COD	136		T200300	mg/l	410.1	20	1/26/00	CAW
Ammonia	0.26		T200300	mg/l	350.1	0.05	1/31/00	DMC
Nitrate	0.75		T200300	mg/l	4500NO3F	0.05	01/27/00@1047	DMC
TN	3.2		T200300	mg/l	351.2,4500NO3F	0.05	1/27/00	DMC
TKN	2.4		T200300	mg/l	351.2	0.02	1/28/00	DMC
TP	7.5		T200300	mg/l	365.4	0.02	1/28/00	DMC
Fecal	<1	U	T200300	CFU/100m.	SM9222D	1	01/26/00@1400	TMH
Total Chlorine(Eff)	1.1		T200300	mg/l	SM4500CLD	0.1	1/26/00	DMC
PH	7.8		T200300	mg/l	150.1	1	1/26/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER **200300**

CLIENT NAME: CITRUS COUNTY Landfill		PROJECT NAME:		PRESERVATIVE 1 1 H2SO4
ADDRESS: 240 GULFTOWN HWY		P.O. NUMBER / PROJECT NUMBER:		
LANCANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:			
CONTACT:		SAMPLED BY:		CONTAINER SIZE AND TYPE 2gal 120 120 H2SO4
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: PH 7.8 temp 11°C		
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		ANALYSIS COMMENTS CBad TSS NO3 TP TN Cal NH3 FC
RECEIVED FEB - 2000 CITRUS COUNTY DPW SOLID WASTE MGMT. DIV.				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	EEF Leachate	1/26/00	0815	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

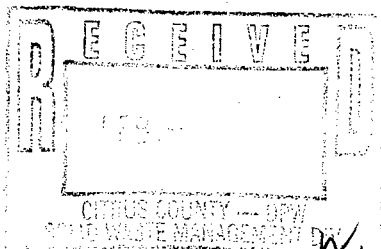
FIELD PARAMETERS / COMMENTS: Pickup	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	<i>James Brummett</i>	<i>Gluchfield</i>	1/26/00	0815
	2	<i>Gluchfield</i>	<i>Gluchfield</i>	1/26/00	1200
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <i>Jen</i>	4		



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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: 01/19/00@0930
P.O. Number
Sample Pickup: 01/19/00@0930
Lab Custody Date: 01/19/00@1530
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: Z00Z16

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200216	mg/l	SM5210B	2	01/20/00@0900	CAW
TSS(Eff.)	<1	U	T200216	mg/l	160.2	1	1/21/00	CAW
COD	116		T200216	mg/l	410.1	20	1/20/00	CAW
Ammonia	0.069		T200216	mg/l	350.1	0.05	1/24/00	MLC
Nitrate	3		T200216	mg/l	4500NO3F	0.05	01/20/00@0905	DMC
TN	5.6		T200216	mg/l	351.2, 4500NO3F	0.05	1/20/00	DMC
TKN	2.6		T200216	mg/l	351.2	0.02	1/21/00	DMC
TP	6.6		T200216	mg/l	365.4	0.02	1/21/00	DMC
Fecal	<1	U	T200216	CFU/100m.	SM9222D	1	01/19/00@1515	TMH
Total Chlorine(Eff)	0.52		T200216	mg/l	SM4500CLD	0.1	1/19/00	DMC
PH	8		T200216	mg/l	150.1	1	1/19/00	CAW

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER

T200216

CLIENT NAME: <i>Citrus County Landfill</i>	PROJECT NAME:	<table border="1"><tr><td>PRESERVATIVE</td><td>—</td></tr><tr><td>CONTAINER SIZE AND TYPE</td><td>1/2 gal</td></tr><tr><td rowspan="4">ANALYSIS COMMENTS</td><td>125 ml</td></tr><tr><td>120 ml</td></tr><tr><td>Thin bag</td></tr><tr><td>—</td></tr></table>	PRESERVATIVE	—	CONTAINER SIZE AND TYPE	1/2 gal	ANALYSIS COMMENTS	125 ml	120 ml	Thin bag	—
PRESERVATIVE	—										
CONTAINER SIZE AND TYPE	1/2 gal										
ANALYSIS COMMENTS	125 ml										
	120 ml										
	Thin bag										
	—										
ADDRESS:	P.O. NUMBER / PROJECT NUMBER:										
PHONE: FAX:	PROJECT LOCATION:										
CONTACT:	SAMPLED BY:										
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: <i>PH - 8.0</i>										

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.											LAB USE
		DATE	TIME													
	<i>Plant Eff - CCC</i>	<i>01/19/00</i>	<i>0930</i>	<i>WW</i>	<i>4</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>							<i>- 1</i>

CITRUS COUNTY - DPW
SOLID WASTE MANAGEMENT DIV.

* 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>	<i>01/19/00</i>	<i>0930</i>
	2	<i>[Signature]</i>	<i>[Signature]</i>	<i>01/19/00</i>	<i>1530</i>
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: <i>[Signature]</i>			

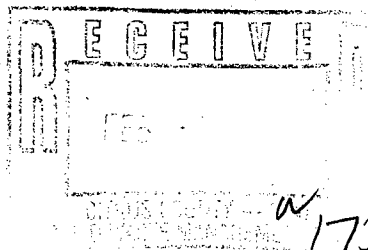


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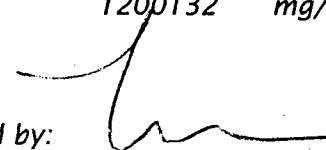
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 01/12/00@0800
P.O. Number
Sample Pickup: 01/12/00@0800
Lab Custody Date: 01/12/00@1120
DOH Certification: 84549, E84589
DEP/Comqap#: 980174



COMMENTS: 200132

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200132	mg/l	SM5210B	2	01/13/00@1200	CAW
TSS(Eff.)	3		T200132	mg/l	160.2	1	1/17/00	CAW
COD	75		T200132	mg/l	410.1	20	1/12/00	CAW
Ammonia	0.058		T200132	mg/l	350.1	0.05	01/17/00@1555	DMC
Nitrate	0.84		T200132	mg/l	4500NO3F	0.05	01/13/00@1512	DMC
TN	3.7		T200132	mg/l	351.2, 4500NO3F	0.05	1/13/00	DMC
TKN	2.9		T200132	mg/l	351.2	0.02	1/14/00	DMC
TP	5.3		T200132	mg/l	365.4	0.02	1/14/00	DMC
Fecal	80		T200132	CFU/100m.	SM9222D	1	01/12/00@1355	TMH
Total Chlorine(Eff)	0.16		T200132	mg/l	SM4500CLD	0.1	1/12/00	DMC
PH	8.1		T200132	mg/l	150.1	1	1/12/00	JAE

Approved by: 
Michael Cammarata, Laboratory Manager



JOB NUMBER 1-200132

[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	James A. Bump	J. Andelfeld	1/12/00	0800
			2	J. Andelfeld	J. Andelfeld	1/12/00	1120
			3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	PICKUP SHIPPED VIA	4				

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



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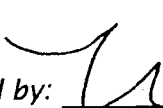
5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 01/05/00@0800
P.O. Number
Sample Pickup: 01/05/00@0800
Lab Custody Date: 01/05/00@1200
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: 200041

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	<2	U	T200041	mg/l	SM5210B	2	01/07/00@0800	CAW
TSS(Eff.)	2.5		T200041	mg/l	160.2	1	1/11/00	CAW
COD	103		T200041	mg/l	410.1	20	1/12/00	CAW
Ammonia	<0.02	U	T200041	mg/l	350.1	0.02	1/10/00	DMC
Nitrate	0.21		T200041	mg/l	4500NO3F	0.05	01/05/00@1548	DMC
TN	2		T200041	mg/l	351.2, 4500NO3F	0.05	1/5/00	DMC
TKN	1.6		T200041	mg/l	351.2	0.02	1/6/00	DMC
TP	4.3		T200041	mg/l	365.4	0.02	1/6/00	DMC
Fecal	6		T200041	CFU/100m.	SM9222D	1	01/05/00@1320	TMH
Total Chlorine(Eff)	0.18		T200041	mg/l	SM4500CLD	0.1	1/5/00	DMC
PH	7.8		T200041	mg/l	150.1	1	1/5/00	JAE

Approved by: 

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

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JOB NUMBER

1200041

CLIENT NAME: GITKUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE	
ADDRESS: 630 GULF TO LAKE HWY		P.O. NUMBER / PROJECT NUMBER:		CONTAINER SIZE AND TYPE	
PHONE:		PROJECT LOCATION:		ANALYSIS	
FAX:		SAMPLED BY:		LAB USE	
CONTACT: Jim Brunswick		SPECIAL INSTRUCTIONS: pH 7.8 19°C		26ml BAG 120 120 H2SO4 CRD TSS FC NO3 TNTP CAD NH3	
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 Leach Arle	1/5/00	0800	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: APR 13 2000 Solid Waste Section Pick up		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	Jim Brunswick	John Phillips	1/5/00	0800
		2	John Phillips	John Phillips	1/5/00	1200
		3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		4				
ON ICE/4°C ☒ YES ☐ NO						
SHIPPED VIA: Jim						

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