

4009C00086
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

1300 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

AQUATIC 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

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

January 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:

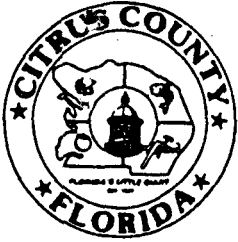
Enclosed please find the following leachate monitoring results for the Citrus County Central Landfill site, together with the Operator's monthly reports, covering the period 10-99 through 12-99:

- 1) Weekly effluent analytical results. There were three exceedences of permit limits during this period that have been addressed in other correspondence. Those included fecal coliform on November 3, and total suspended solids on November 3 and November 10. Because they occurred on two consecutive weeks, we discontinued effluent disposal onsite until the treatment again met standards and approval of the Department was received.
- 2) Quarterly effluent analytical results. There was an exceedence of permit limits during this period for cadmium (5.8 vs. 5.0 ug/l). Sodium, chloride, and total dissolved solids exceeded drinking water maximum contamination levels, however those are not permit violations. The question of the limit for total trihalomethanes, that we discussed on the phone a couple months ago, is still open. Our permit lists that parameter with no maximum limit for quarterly sampling events, yet permit condition 33a requires testing of trihalomethanes for the annual event but is silent as to whether the drinking water limit must be met. Trihalomethanes exceeded the drinking water standard (290 vs 100 ug/l) this quarter.

RECEIVED

JAN 18 2000

Solid Waste Section



BOARD OF COUNTY COMMISSIONERS

DEPARTMENT OF PUBLIC WORKS

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:Morrise11100.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

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

1300 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

AQUATIC 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

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

CITRUS COUNTY CENTRAL LANDFILL
OCTOBER, NOVEMBER, DECEMBER 1999

MCL		200 CUF/100ML		20	6.0 -			12				20		
		FECAL			8.5	AMMONIA				TOTAL	TOTAL			
DATE	<	COLIFORM	<	CBOD	PH	< NITROGEN	<	COD	<	NITRATE-N	< NITROGEN	< PHOSPHOROUS	<	TKN
10/6/99	<	1		8.9	7.5	< 0.05		48		0.19	1.1	4.4	8	0.89
10/13/99	<	1		4.4	7.4	0.5		53		0.092	1.6	4.8	6	1.5
10/20/99	<	1		3.8	7	< 0.05		65		1.5	3.7	7.2	5	2.3
10/27/99	<	1		6.5	7.4	< 0.05		95		0.053	2.7	8	17	2.7
11/3/99		300		4.6	7.1	0.39		111		0.24	2.7	6.4	26	2.4
11/10/99	<	1		3.5	7.4	0.57		134		0.97	4.4	5.5	32	3.4
11/17/99		16		2.8	7.5	0.05		91		6.5	8.2	4.4	14.5	1.7
11/23/99	<	1	<	2	7.2	< 0.05		87		0.21	1.3	2.9	15.5	0.89
12/2/99	<	1	<	2	7.9	0.081		60		0.22	3.4	2.7	3	3.2
12/8/99		8	<	2	7.7	0.052		82	<	0.05	0.9	3.8	1.4	0.9
12/15/99		6		3.1	7.8	0.087		78		0.33	1.8	2.8	8	1.5
12/21/99	<	1	<	2	8.0	0.1		72		0.16	0.95	3.3	5	0.79
12/29/99		38		2.7	8.0	0.061		49		0.22	2.1	4.1	2	1.9
cjw														

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	10/20/99
QUARTERLY PARAMETERS:			
CHLORIDE MG/L	250	ZOD	1,255
SODIUM MG/L	160	ZOD	261
TOTAL DISSOLVED SOLIDS MG/L	500	ZOD	1,700
ARSENIC	50	N/A	19.4 *
BARIUM	2,000	N/A	12.9 *
CADMIUM	5	N/A	5.8 *
CHROMIUM	100	N/A	< 10 *
IRON	300	N/A	19.4 *
MERCURY	2	N/A	2 *
LEAD	15	N/A	5.1 *
SELENIUM	50	N/A	< 10 *
SILVER	100	N/A	< 10 *
TOTAL TRIHALOMETHANES	100	N/A	290
(BROMODICHLOROMETHANE)			
(DIBROMOCHLOROMETHANE)			
(TRIBROMOMETHANE-BROMOFORM)			
(TRICHLOROMETHANE-CHLOROFORM)			
BENZENE	1	N/A	< 1.0
TOLUENE	1,000	N/A	< 1.0
ETHYLBENZENE	700	N/A	< 1.0
TOTAL XYLENES	10,000	N/A	4.1
ETHYLENE DIBROMIDE (EDB)	0.02	N/A	< 0.02
(1,2-DIBROMOETHANE)			
* converted to ug/l by SW staff			
cjw			

Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

(1) Month DECEMBER Year 99

(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
1	0	0.001
2	0	0.007
3	0	0.021
4	0	0.054
5	0	0.119
6	0	0.243
7	0	0.470
8	0	0.888
9	0	1.670
10	0	3.201
11	0	6.039
12	0	11.430
13	0	21.601
14	0	41.772
15	0	80.850
16	0	157.496
17	0	305.835
18	0	592.002
19	0	1145.037
20	0	2238.721
21	0	4375.900
22	0	8531.853
23	0	16605.461
24	0	32499.856
25	0	63775.161
26	0	125000.000
27	0	246575.761
28	0	486019.347
29	0	956638.416
30	0	1878512.000
31	0	3703596.800
32	0	7279056.000
33	0	14316544.000
34	0	28147008.000
35	0	55597440.000
36	0	109540096.000
37	0	215700480.000
38	0	427776000.000
39	0	848256000.000
40	0	1687500000.000
41	0	3367500000.000
42	0	6727500000.000
43	0	13447500000.000
44	0	26875000000.000
45	0	53750000000.000
46	0	107475000000.000
47	0	214750000000.000
48	0	429475000000.000
49	0	858750000000.000
50	0	1717500000000.000
51	0	3434750000000.000
52	0	6867500000000.000
53	0	13734750000000.000
54	0	27467500000000.000
55	0	54934750000000.000
56	0	109867500000000.000
57	0	219734750000000.000
58	0	439467500000000.000
59	0	878934750000000.000
60	0	1757867500000000.000
61	0	3515734750000000.000
62	0	7031467500000000.000
63	0	14062934750000000.000
64	0	28125867500000000.000
65	0	56251734750000000.000
66	0	112503467500000000.000
67	0	225006934750000000.000
68	0	450013867500000000.000
69	0	900027734750000000.000
70	0	1800055467500000000.000
71	0	3600110934750000000.000
72	0	7200221867500000000.000
73	0	14400443750000000000.000
74	0	28800887500000000000.000
75	0	57601775000000000000.000
76	0	115203550000000000000.000
77	0	230407100000000000000.000
78	0	460814200000000000000.000
79	0	921628400000000000000.000
80	0	1843256800000000000000.000
81	0	3686513600000000000000.000
82	0	7373027200000000000000.000
83	0	14746054400000000000000.000
84	0	29492108800000000000000.000
85	0	58984217600000000000000.000
86	0	117968435200000000000000.000
87	0	235936870400000000000000.000
88	0	471873740800000000000000.000
89	0	943747481600000000000000.000
90	0	1887494963200000000000000.000
91	0	3774989926400000000000000.000
92	0	7549979852800000000000000.000
93	0	

(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 _____

Cert. No. : 28197

[illegible]

Month DECEMBER Year 99

(352) 746-5000



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
W175

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 12/28/99@0800
P.O. Number
Sample Pickup: 12/28/99@0800
Lab Custody Date: 12/28/99@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.)	2.7		T994213	mg/l	SM5210B	2	12/28/99@1550	DMC
TSS(Eff.)	2		T994213	mg/l	160.2	1	12/28/99	MLC
COD	49		T994213	mg/l	410.1	20	12/28/99	DMC
Ammonia	0.061		T994213	mg/l	350.1	0.05	1/4/00	DMC
Nitrate	0.22		T994213	mg/l	4500NO3F	0.05	12/28/99@1324	DMC
TN	2.1		T994213	mg/l	351.2,4500NO3F	0.05	1/3/00	DMC
TKN	1.9		T994213	mg/l	351.2	0.02	1/3/00	DMC
TP	4.1		T994213	mg/l	365.4	0.02	1/3/00	DMC
Fecal	38		T994213	CFU/100m.	SM9222D	1	12/28/99@1250	TMH
Total Chlorine(Eff.)	0.47	50060	T994213	mg/l	SM4500CLD	0.1	12/28/99	DMC
PH	8		T994213	mg/l	150.1	1	12/28/99	JAE

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: 12/21/99@0800
P.O. Number
Sample Pickup: 12/21/99@0800
Lab Custody Date: 12/21/99@1100
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

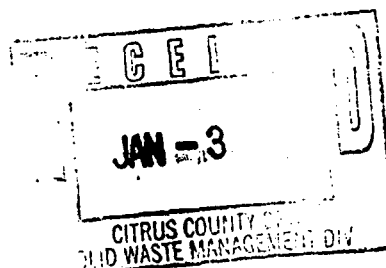
W/75

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	T994128	mg/l	SM5210B	2	12/22/99@1230	CAW
TSS(Eff.)	5		T994128	mg/l	160.2	1	12/27/99	MLC
COD	72		T994128	mg/l	410.1	20	12/22/99	CAW
Ammonia	0.1		T994128	mg/l	350.1	0.05	12/27/99	D
Nitrate	0.16		T994128	mg/l	4500NO3F	0.05	12/22/99@1514	D
TN	0.95		T994128	mg/l	351.2,4500NO3F	0.05	12/22/99	D
TKN	0.79		T994128	mg/l	351.2	0.02	12/23/99	D
TP	3.3		T994128	mg/l	365.4	0.02	12/23/99	D
Fecal	<1	U	T994128	CFU/100m.	SM9222D	1	12/21/99@1300	TMH
Total Chlorine(Eff)	0.55		T994128	mg/l	SM4500CLD	0.1	12/21/99	DMC
PH	8		T994128	mg/l	150.1	1	12/21/99	JAE

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: 12/15/99@0800
P.O. Number
Sample Pickup: 12/15/99@0800
Lab Custody Date: 12/15/99@1130
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

W175

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	3.1		T994052	mg/l	SM5210B	2	12/16/99@0900	CAW
TSS(Eff.)	8		T994052	mg/l	160.2	1	12/20/99	CAW
COD	78		T994052	mg/l	410.1	20	12/16/99	CAW
Ammonia	0.087		T994052	mg/l	350.1	0.05	12/20/99@1404	DMC
Nitrate	0.33		T994052	mg/l	4500NO3F	0.05	12/16/99@1046	DMC
TN	1.8		T994052	mg/l	351.2, 4500NO3F	0.05	12/16/99@1046	DMC
TKN	1.5		T994052	mg/l	351.2	0.02	12/17/99	DMC
TP	2.8		T994052	mg/l	365.4	0.02	12/17/99	DMC
Fecal	6		T994052	CFU/100m.	SM9222D	1	12/15/99@1445	TMH
Total Chlorine(Eff)	0.26		T994052	mg/l	SM4500CLD	0.1	12/15/99	DMC
PH	7.8		T994052	mg/l	150.1	1	12/15/99	JAE

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: 12/08/99@0900
P.O. Number
Sample Pickup: 12/08/99@0900
Lab Custody Date: 12/08/99@1150
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

W175

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	T993933	mg/l	SM5210B	2	12/09/99@1000	CAW
TSS(Eff.)	1.4		T993933	mg/l	160.2	1	12/12/99	CAW
COD	82		T993933	mg/l	410.1	20	12/14/99	CAW
Ammonia	0.052		T993933	mg/l	350.1	0.05	12/14/99@1257	DMC
Nitrate	<0.05	U	T993933	mg/l	4500NO3F	0.05	12/09/99@0816	DMC
TN	0.9		T993933	mg/l	351.2, 4500NO3F	0.05	12/9/99	DMC
TKN	0.9		T993933	mg/l	351.2	0.02	12/9/99	DMC
TP	3.8		T993933	mg/l	365.4	0.02	12/9/99	DMC
Fecal	8		T993933	CFU/100m.	SM9222D	1	12/08/99@1210	TMH
Total Chlorine(Eff)	0.39		T993933	mg/l	SM4500CLD	0.1	12/8/99	DMC
PH	7.7		T993933	mg/l	150.1	1	12/8/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager



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: 12/02/99@0800
P.O. Number
Sample Pickup: 12/02/99@0800
Lab Custody Date: 12/02/99@1200
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

W/75

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	T993849	mg/l	SM5210B	2	12/03/99@1030	CAW
TSS(Eff.)	3		T993849	mg/l	160.2	1	12/6/99	CAW
COD	60		T993849	mg/l	410.1	20	12/3/99	CAW
Ammonia	0.081		T993849	mg/l	350.1	0.05	12/06/99@1014	DMC
Nitrate	0.22		T993849	mg/l	4500NO3F	0.05	12/03/99@0811	DMC
TN	3.4		T993849	mg/l	351.2, 4500NO3F	0.05	12/3/99	DMC
TKN	3.2		T993849	mg/l	351.2	0.02	12/9/99	DMC
TP	2.7		T993849	mg/l	365.4	0.02	12/9/99	DMC
Fecal	<1	U	T993849	CFU/100ml	SM9222D	1	12/02/99@1245	TMH
Total Chlorine(Eff)	0.62		T993849	mg/l	SM4500CLD	0.1	12/2/99	DMC
PH	7.9		T993849	mg/l	150.1	1	12/2/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager

Month NOVEMBER Year 99

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



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

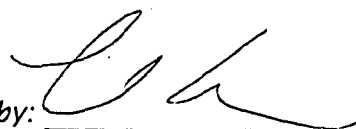
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 11/23/99@0830
P.O. Number
Sample Pickup: 11/23/99@0830
Lab Custody Date: 11/23/99@1220
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

W175

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	T993763	mg/l	SM5210B	2	11/24/99@0700	CAW
TSS(Eff.)	15.5		T993763	mg/l	160.2	1	11/30/99	CAW
COD	87		T993763	mg/l	410.1	20	11/23/99	CAW
Ammonia	<0.05	U	T993763	mg/l	350.1	0.05	11/30/99@1106	DMC
Nitrate	0.21		T993763	mg/l	4500NO3F	0.05	11/24/99@1604	DMC
TN	1.3		T993763	mg/l	351.2,4500NO3F	0.05	11/24/99	DMC
TKN	0.89		T993763	mg/l	351.2	0.02	11/29/99	DMC
TP	2.9		T993763	mg/l	365.4	0.02	11/29/99	DMC
Fecal	<1	U	T993763	CFU/100ml	SM9222D	1	11/23/99@1410	TMH
Total Chlorine(Eff)	1.8		T993763	mg/l	SM4500CLD	0.1	11/23/99	DMC
PH	7.2		T993763	mg/l	150.1	1	11/23/99	JAE

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: 11/17/99@0815
P.O. Number
Sample Pickup: 11/17/99@0815
Lab Custody Date: 11/17/99@1130
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

W/175

COMMENTS:

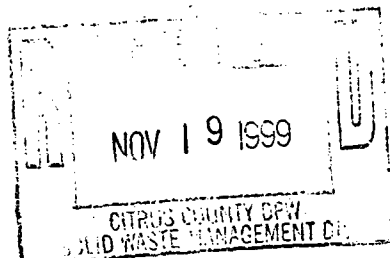
Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Use	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2.8		T993687	mg/l	SM5210B	1	11/18/99@0900	CAW
TSS(Eff.)	14.5		T993687	mg/l	160.2	1	11/19/99	CAW
COD	91		T993687	mg/l	410.1	20	11/17/99	CAW
Ammonia	0.05		T993687	mg/l	350.1	0.02	11/22/99	DMC
Nitrate	6.5		T993687	mg/l	4500NO3F	0.05	11/17/99@1459	DMC
TN	8.2		T993687	mg/l	351.2,4500NO3F	0.05	11/17/99	DMC
TKN	1.7		T993687	mg/l	351.2	0.02	11/19/99	DMC
TP	4.4		T993687	mg/l	365.4	0.02	11/19/99	DMC
Fecal	16		T993687	CFU/100ml	SM9222D	1	11/17/99@1305	TMH
Total Chlorine(Eff)	0.68		T993687	mg/l	SM4500CLD	0.1	11/17/99	DMC
PH	7.5		T993687	mg/l	150.1	1	11/17/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager



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



W/75

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 11/10/99@1220
P.O. Number
Sample Pickup: 11/10/99@1220
Lab Custody Date: 11/10/99@1500
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.)	3.5		T993609	mg/l	SM5210B	2	11/11/99@0800	CAW
TSS(Eff.)	32		T993609	mg/l	160.2	1	11/15/99	CAW
COD	134		T993609	mg/l	410.1	20	11/16/99	CAW
Ammonia	0.57		T993609	mg/l	350.1	0.05	11/15/99@1033	DMC
Nitrate	0.97		T993609	mg/l	4500NO3F	0.05	11/11/99@1149	DMC
TN	4.4		T993609	mg/l	351.2,4500NO3F	0.05	11/11/99	DMC
TKN	3.4		T993609	mg/l	351.2	0.05	11/12/99	DMC
TP	5.5		T993609	mg/l	365.4	0.05	11/12/99	DMC
Fecal	<1	U	T993609	CFU/100m.	SM9222D	1	11/10/99@1545	TMH
Total Chlorine(Eff)	1.1		T993609	mg/l	SM4500CLD	0.1	11/10/99	DMC
PH	7.4		T993609	mg/l	150.1	1	11/10/99	CAW

Approved by: Donna H. Cammarata
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: 11/03/99@0800
P.O. Number
Sample Pickup: 11/03/99@0805
Lab Custody Date: 11/03/99@1130
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

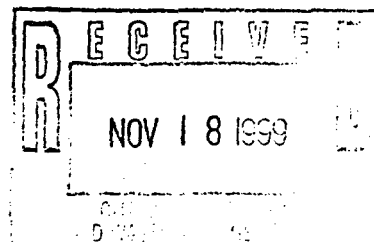
W/75

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	4.6		T993509	mg/l	SM5210B	2	11/05/99@0800	CAW
TSS(Eff.)	26		T993509	mg/l	160.2	1	11/5/99	CAW
COD	111		T993509	mg/l	410.1	20	11/3/99	CAW
Ammonia	0.39		T993509	mg/l	350.1	0.05	11/08/99@1110	DMC
Nitrate	0.24		T993509	mg/l	4500NO3F	0.05	11/03/99@1447	DMC
TN	2.7		T993509	mg/l	351.2,4500NO3F	0.05	11/3/99	DMC
TKN	2.4		T993509	mg/l	351.2	0.02	11/5/99	DMC
TP	6.4		T993509	mg/l	365.4	0.02	11/5/99	DMC
Fecal	300		T993509	CFU/100ml	SM9222D	1	11/03/99@1310	TMH
Total Chlorine(Eff)	0.58		T993509	mg/l	SM4500CLD	0.1	11/3/99	DMC
PH	7.1			mg/l	150.1	1		

Approved by:

Michael Cammarata, Laboratory Manager



Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

(1) Month OCTOBER Year 99

(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 ☐ X Not Applicable

(14) Cumulative Days Wet Weather Discharge N/A

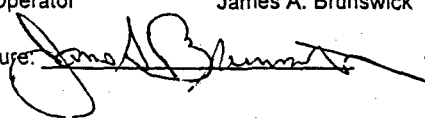
(15) Plant Staffing

Day Shift Operator Class C Cert. No. 8197

Evening Shift Operator Class Cert. No. N/A

Night Shift Operator Class Cert. No. N/A

Lead Operator James A. Brunswick

Signature:  Cert. No. 8197

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	--	0.031
(19) Percent of permitted capacity	%	--	27%
(20) CBOD5 Effluent	mg/L	080082	5.9
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	9.0
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.0
(25) Maximum pH		--	7.9
(26) Total N	mg/L	000600	2.3
(27) TKN	mg/L	000625	1.9
(28) Ammonia (NH3 - N)	mg/L	000610	0.5
(29) Nitrate	mg/L	071850	0.46
(30) Total Phosphorus	mg/L	000665	6.1
(31) Minimum Chlorine Residual	mg/L	--	0.1
(32) Maximum Chlorine Residual	mg/L	--	1.1
(33) Other Effluent Parameters			
COD	mg/L		65.25

Month OCTOBER Year 99

Company Name	Citrus County Solid Waste Management	Telephone No. (Please Type)	(352) 746-5000
--------------	--------------------------------------	-----------------------------	----------------



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: 10/27/99@0800
P.O. Number
Sample Pickup: 10/27/99@0800
Lab Custody Date: 10/27/99@1000
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

W175

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Use	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	6.5		T993433	mg/l	SM5210B	1	10/29/99@0800	CAW
TSS(Eff.)	17		T993433	mg/l	160.2	1	11/2/99	CAW
COD	95		T993433	mg/l	410.1	20	11/3/99	CAW
Ammonia	<0.05	U	T993433	mg/l	350.1	0.05	10/27/99	DMC
Nitrate	0.053		T993433	mg/l	4500NO3F	0.05	10/27/99@1413	DMC
TN	2.7		T993433	mg/l	351.2,4500NO3F	0.05	10/27/99	DMC
TKN	2.7		T993433	mg/l	351.2,	0.05	10/28/99	DMC
TP	8		T993433	mg/l	365.4	0.05	10/28/99	DMC
Fecal	<1	U	T993433	CFU/100ml	SM9222D	1	10/27/99@1310	TMH
Total Chlorine(Eff)	1.2		T993433	mg/l	SM4500CLD	0.1	10/27/99	DMC
PH	7.4		T993433	mg/l	150.1	1	10/27/99	JAE

Approved by:

Michael Cammarata, Laboratory Manager

101 - 91896
CITRUS COUNTY DEP
WASTE MANAGEMENT



Advanced
Environmental Laboratories, Inc.

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

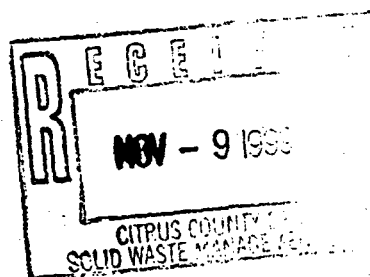
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/20/99@0900
P.O. Number
Sample Pickup: 10/20/99@0900
Lab Custody Date: 10/20/99@1030
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
Arsenic	*0.0194		T993347	mg/l	6010B	0.01	10/25/99	SH
Bariumm	*0.0129		T993347	mg/l	6010B	0.01	10/25/99	SH
Cadmium	*0.0058		T993347	mg/l	6010B	0.005	10/25/99	SH
Chromium	*<0.01	U	T993347	mg/l	6010B	0.01	10/25/99	SH
Lead	*0.0051		T993347	mg/l	6010B	0.005	10/25/99	SH
Selenium	*<0.01	U	T993347	mg/l	6010B	0.01	10/25/99	SH
Silver	*<0.01	U	T993347	mg/l	6010B	0.01	10/25/99	SH
Mercury	*<0.002	U	T993347	mg/l	7470A	0.002	10/26/99	SH
Iron	*0.194		T993347	mg/l	6010B	0.05	10/25/99	SH
Sodium	*261		T993347	mg/l	7790	0.5	10/26/99	SH
Ethylene Dibromide	*<0.02	U	T993347	ug/l	EPA 504	0.02	10/24/99	LEA
Total Xylenes	*4.1		T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Total Trihalomethane	*290 82080		T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Benzene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Toluene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Ethylbenzene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Chloride	1255		T993347	mg/l	4500CLE	1	10/20/99	DMC
TDS	1700		T993347	mg/l	160.1	2	10/20/99	DMC

Approved by: 
Michael Cammarata, Laboratory Manager





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: 10/20/99@0900
P.O. Number
Sample Pickup: 10/20/99@0900
Lab Custody Date: 10/20/99@1030
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

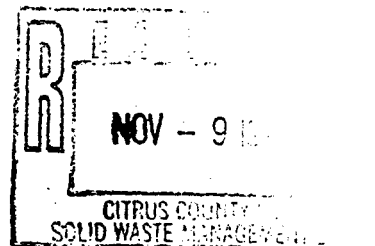
COMMENTS:

W/75

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	3.8		T993347	mg/l	SM5210B	1	10/22/99@0800	CAW
TSS(Eff.)	5		T993347	mg/l	160.2	1	10/21/99	CAW
COD	65		T993347	mg/l	410.1	20	10/22/99	CAW
Ammonia	<0.05	U	T993347	mg/l	350.1	0.05	10/27/99	DMC
Nitrate	1.5		T993347	mg/l	4500NO3F	0.05	10/21/99@1518	DMC
TN	3.7		T993347	mg/l	351.2,4500NO3F	0.05	10/21/99	DMC
TKN	2.3		T993347	mg/l	351.2	0.05	10/25/99	DMC
TP	7.2		T993347	mg/l	365.4	0.05	10/22/99	DMC
Fecal	<1	U	T993347	CFU/100ml	SM9222D	1	10/20/99@1430	TMH
Total Chlorine(Eff)	0.75		T993347	mg/l	SM4500CLD	0.1	10/20/99	DMC
PH	7		T993347	mg/l	150.1	1	10/20/99	JAE

Approved by:

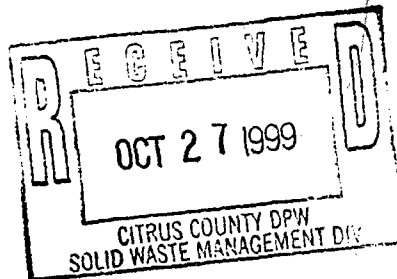
Michael Cammarata
Michael Cammarata, Laboratory Manager





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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/13/99@0935
P.O. Number
Sample Pickup: 10/13/99@0935
Lab Custody Date: 10/13/99@1245
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.)	4.4		T993265	mg/l	SM5210B	1	10/15/99@0800	CAW
TSS(Eff.)	6		T993265	mg/l	160.2	1	10/13/99	CAW
COD	53		T993265	mg/l	410.1	20	10/15/99	CAW
Ammonia	0.5		T993265	mg/l	350.1	0.05	10/19/99	DMC
Nitrate	0.092		T993265	mg/l	4500NO3F	0.05	10/14/99@1434	DMC
TN	1.6		T993265	mg/l	351.2,4500NO3F	0.05	10/15/99	DMC
TKN	1.5		T993265	mg/l	351.2	0.005	10/15/99	DMC
TP	4.8		T993265	mg/l	365.4	0.05	10/15/99	DMC
Fecal	<1	U	T993265	CFU/100ml	SM9222D	1	10/13/99@1445	TMH
Total Chlorine(Eff)	0.17		T993265	mg/l	SM4500CLD	0.1	10/13/99	DMC
PH	7.4		T993265	mg/l	150.1	1	10/13/99	JAE

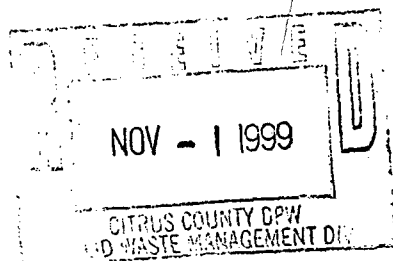
Approved by:

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: 10/06/99@0840
P.O. Number
Sample Pickup: 10/06/99@0840
Lab Custody Date: 10/06/99@1300
DOH Certification: 84549,E84589
DEP/Comqap#: 980174



W175

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	8.9		T993172	mg/l	SM5210B	1	10/07/99@0800	CAW
TSS(Eff.)	8		T993172	mg/l	160.2	1	10/11/99	CAW
COD	48		T993172	mg/l	410.1	20	10/6/99	CAW
Ammonia	<0.05	U	T993172	mg/l	350.1	0.05	10/12/99@1454	DMC
Nitrate	0.19		T993172	mg/l	4500NO3F	0.05	10/07/99@1558	DMC
TN	1.1		T993172	mg/l	351.2,4500NO3F	0.05	10/7/99	DMC
TKN	0.89		T993172	mg/l	351.2	0.05	10/11/99	DMC
TP	4.4		T993172	mg/l	365.4	0.05	10/11/99	DMC
Fecal	<1	U	T993172	CFU/100ml	SM9222D	1	10/06/99@1400	MLC
Total Chlorine(Eff)	0.12		T993172	mg/l	SM4500CLD	0.1	10/6/99	DMC
PH	7.5		T993172	mg/l	150.1	1	10/6/99	JAE

Approved by:

Michael Cammarata, Laboratory Manager

CITRUS COUNTY CENTRAL LANDFILL
OCTOBER, NOVEMBER, DECEMBER 1999

MCL		200 CUF/100ML	20	6.0 -			12				20		
		FECAL		8.5		AMMONIA				TOTAL	TOTAL		
DATE	<	COLIFORM	<	CBOD	PH	<	NITROGEN	<	COD	<	NITRATE-N	<	TKN
10/6/99	<	1		8.9	7.5	<	0.05		48		0.19		0.89
10/13/99	<	1		4.4	7.4		0.5		53		0.092		1.5
10/20/99	<	1		3.8	7	<	0.05		65		1.5		2.3
10/27/99	<	1		6.5	7.4	<	0.05		95		0.053		2.7
11/3/99		300		4.6	7.1		0.39		111		0.24		2.4
11/10/99	<	1		3.5	7.4		0.57		134		0.97		3.4
11/17/99		16		2.8	7.5		0.05		91		6.5		1.7
11/23/99	<	1	<	2	7.2	<	0.05		87		0.21		0.89
12/2/99	<	1	<	2	7.9		0.081		60		0.22		3.2
12/8/99		8	<	2	7.7		0.052		82	<	0.05		0.9
12/15/99		6		3.1	7.8		0.087		78		0.33		1.5
12/21/99	<	1	<	2	8.0		0.1		72		0.16		0.79
12/29/99		38		2.7	8.0		0.061		49		0.22		1.9
cjw													

CITRUS COUNTY CENTRAL LANDFILL

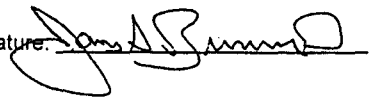
[illegible]

Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

- (1) Month DECEMBER Year 99
- (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
- (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

Parameter	Units	Storet Code	Value
(16) Monthly average daily flow	mgd	050053	0.010
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.024
(19) Percent of permitted capacity	%	--	33%
(20) CBOD5 Effluent	mg/L	080082	2.9
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	2.9
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.7
(25) Maxium pH		--	8.3
(26) Total N	mg/L	000600	1.8
(27) TKN	mg/L	000625	1.7
(28) Ammonia (NH3 - N)	mg/L	000610	0.0756
(29) Nitrate	mg/L	071850	0.2325
(30) Total Phosphorus	mg/L	000665	3.34
(31) Minimum Chlorine Residual	mg/L	--	0.3
(32) Maximum Chlorine Residual	mg/L	--	0.9
(33) Other Effluent Parameters			
COD	mg/L		68.2

Signature:  Cert. No. 8197

Month DECEMBER Year 99

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



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: 12/28/99@0800
P.O. Number
Sample Pickup: 12/28/99@0800
Lab Custody Date: 12/28/99@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.)	2.7		T994213	mg/l	SM5210B	2	12/28/99@1550	DMC
TSS(Eff.)	2		T994213	mg/l	160.2	1	12/28/99	MLC
COD	49		T994213	mg/l	410.1	20	12/28/99	DMC
Ammonia	0.061		T994213	mg/l	350.1	0.05	1/4/00	DMC
Nitrate	0.22		T994213	mg/l	4500NO3F	0.05	12/28/99@1324	DMC
TN	2.1		T994213	mg/l	351.2,4500NO3F	0.05	1/3/00	DMC
TKN	1.9		T994213	mg/l	351.2	0.02	1/3/00	DMC
TP	4.1		T994213	mg/l	365.4	0.02	1/3/00	DMC
Fecal	38		T994213	CFU/100m.	SM9222D	1	12/28/99@1250	TMH
Total Chlorine(Eff)	0.47		T994213	mg/l	SM4500CLD	0.1	12/28/99	DMC
PH	8		T994213	mg/l	150.1	1	12/28/99	JAE

Approved by: _____
Michael Cammarata, Laboratory Manager



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

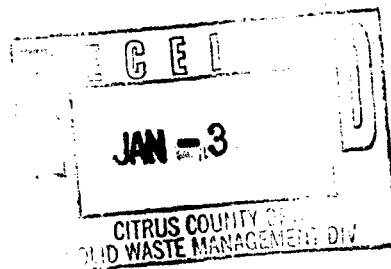
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 12/21/99@0800
P.O. Number
Sample Pickup: 12/21/99@0800
Lab Custody Date: 12/21/99@1100
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

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	T994128	mg/l	SM5210B	2	12/22/99@1230	CAW
TSS(Eff.)	5		T994128	mg/l	160.2	1	12/27/99	MLC
COD	72		T994128	mg/l	410.1	20	12/22/99	CAW
Ammonia	0.1		T994128	mg/l	350.1	0.05	12/27/99	D
Nitrate	0.16		T994128	mg/l	4500NO3F	0.05	12/22/99@1514	D
TN	0.95		T994128	mg/l	351.2,4500NO3F	0.05	12/22/99	D
TKN	0.79		T994128	mg/l	351.2	0.02	12/23/99	D
TP	3.3		T994128	mg/l	365.4	0.02	12/23/99	D
Fecal	<1	U	T994128	CFU/100m.	SM9222D	1	12/21/99@1300	TMH
Total Chlorine(Eff)	0.55		T994128	mg/l	SM4500CLD	0.1	12/21/99	DMC
PH	8		T994128	mg/l	150.1	1	12/21/99	JAE

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: 12/15/99@0800
P.O. Number
Sample Pickup: 12/15/99@0800
Lab Custody Date: 12/15/99@1130
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.)	3.1		T994052	mg/l	SM5210B	2	12/16/99@0900	CAW
TSS(Eff.)	8		T994052	mg/l	160.2	1	12/20/99	CAW
COD	78		T994052	mg/l	410.1	20	12/16/99	CAW
Ammonia	0.087		T994052	mg/l	350.1	0.05	12/20/99@1404	DMC
Nitrate	0.33		T994052	mg/l	4500NO3F	0.05	12/16/99@1046	DMC
TN	1.8		T994052	mg/l	351.2,4500NO3F	0.05	12/16/99@1046	DMC
TKN	1.5		T994052	mg/l	351.2	0.02	12/17/99	DMC
TP	2.8		T994052	mg/l	365.4	0.02	12/17/99	DMC
Fecal	6		T994052	CFU/100m.	SM9222D	1	12/15/99@1445	TMH
Total Chlorine(Eff)	0.26		T994052	mg/l	SM4500CLD	0.1	12/15/99	DMC
PH	7.8		T994052	mg/l	150.1	1	12/15/99	JAE

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: 12/08/99@0900
P.O. Number
Sample Pickup: 12/08/99@0900
Lab Custody Date: 12/08/99@1150
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	T993933	mg/l	SM5210B	2	12/09/99@1000	CAW
TSS(Eff.)	1.4		T993933	mg/l	160.2	1	12/12/99	CAW
COD	82		T993933	mg/l	410.1	20	12/14/99	CAW
Ammonia	0.052		T993933	mg/l	350.1	0.05	12/14/99@1257	DMC
Nitrate	<0.05	U	T993933	mg/l	4500NO3F	0.05	12/09/99@0816	DMC
TN	0.9		T993933	mg/l	351.2,4500NO3F	0.05	12/9/99	DMC
TKN	0.9		T993933	mg/l	351.2	0.02	12/9/99	DMC
TP	3.8		T993933	mg/l	365.4	0.02	12/9/99	DMC
Fecal	8		T993933	CFU/100m.	SM9222D	1	12/08/99@1210	TMH
Total Chlorine(Eff)	0.39		T993933	mg/l	SM4500CLD	0.1	12/8/99	DMC
PH	7.7		T993933	mg/l	150.1	1	12/8/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager



Advanced
Environmental Laboratories, Inc.

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

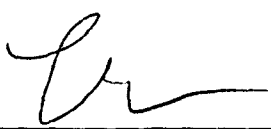
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 12/02/99@0800
P.O. Number
Sample Pickup: 12/02/99@0800
Lab Custody Date: 12/02/99@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	T993849	mg/l	SM5210B	2	12/03/99@1030	CAW
TSS(Eff.)	3		T993849	mg/l	160.2	1	12/6/99	CAW
COD	60		T993849	mg/l	410.1	20	12/3/99	CAW
Ammonia	0.081		T993849	mg/l	350.1	0.05	12/06/99@1014	DMC
Nitrate	0.22		T993849	mg/l	4500NO3F	0.05	12/03/99@0811	DMC
TN	3.4		T993849	mg/l	351.2,4500NO3F	0.05	12/3/99	DMC
TKN	3.2		T993849	mg/l	351.2	0.02	12/9/99	DMC
TP	2.7		T993849	mg/l	365.4	0.02	12/9/99	DMC
Fecal	<1	U	T993849	CFU/100ml	SM9222D	1	12/02/99@1245	TMH
Total Chlorine(Eff)	0.62		T993849	mg/l	SM4500CLD	0.1	12/2/99	DMC
PH	7.9		T993849	mg/l	150.1	1	12/2/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager

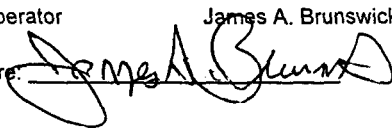
Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

- (1) Month NOVEMBER Year 99
- (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
- (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

Parameter	Units	Storet Code	Value
(16) Monthly average daily flow	mgd	050053	0.012
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.026
(19) Percent of permitted capacity	%	--	40%
(20) CBOD5 Effluent	mg/L	080082	3.6
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	22.0
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.0
(25) Maxium pH		--	8.0
(26) Total N	mg/L	000600	3.3
(27) TKN	mg/L	000625	2.2
(28) Ammonia (NH3 - N)	mg/L	000610	0.27
(29) Nitrate	mg/L	071850	1.98
(30) Total Phosphorus	mg/L	000665	4.8
(31) Minimum Chlorine Residual	mg/L	--	0.4
(32) Maximum Chlorine Residual	mg/L	--	1.3
(33) Other Effluent Parameters *			
COD	mg/L		105.75

Lead Operator James A. Brunswick

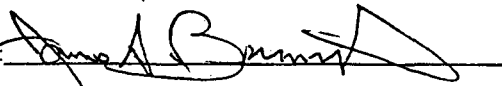
Signature:  Cert. No. CE197

Domestic Wastewater Treatment Plant Monthly Operating Report

Month NOVEMBER Year 99

Day of the Month	Flow (mgd)	Chlorine Residual after Contact	Chlorine Residual after Dechlor.	CBOD5 Influent (mg/L)	TSS Influent (mg/L)	CBOD5 Effluent (mg/L)	TSS Effluent (mg/L)	pH Effluent	TKN Effluent (mg/L)	NH3 - N Effluent (mg/L)	Nitrate Effluent (mg/L)	Total P Effluent (mg/L)	Fecal Coliform (#/100ml)	COD	TOTAL N						
1	16029	0.6						7.2													
2		0.5																			
3	5350	0.5				4.6	26	7.0	2.4	0.39	0.24	6.4	300	111	2.7						
4	6422	0.5						7.3													
5																					
6																					
7	24132																				
8																					
9	17921					3.5	32	7.4	3.4	0.57	0.97	5.5	<1	134	0.97						
10																					
11																					
12	33126	0.4						7.6													
13																					
14																					
15	1574	0.6						7.5													
16	5571	0.7						7.9													
17						2.8	14.5	7.5	1.7	0.05	6.5	4.4	0.68	91	8.2						
18																					
19																					
20																					
21																					
22																					
23	2158	0.7				<2	15.5	7.9	0.89	<.05	0.21	2.9	<1	87	1.3						
24	9824	0.9						8.0													
25	10239	0.6						8.0													
26	12318	0.5						8.0													
27	12739	0.5						8.0													
28																					
29	12423	1.3						7.7													
30																					

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: 11/10/99

Name (Please Type) James Brunswick

Company Name Citrus County Solid Waste Management Telephone No. (Please Type) (352) 746-5000



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: 11/23/99@0830
P.O. Number
Sample Pickup: 11/23/99@0830
Lab Custody Date: 11/23/99@1220
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	T993763	mg/l	SM5210B	2	11/24/99@0700	CAW
TSS(Eff.)	15.5		T993763	mg/l	160.2	1	11/30/99	CAW
COD	87		T993763	mg/l	410.1	20	11/23/99	CAW
Ammonia	<0.05	U	T993763	mg/l	350.1	0.05	11/30/99@1106	DMC
Nitrate	0.21		T993763	mg/l	4500NO3F	0.05	11/24/99@1604	DMC
TN	1.3		T993763	mg/l	351.2,4500NO3F	0.05	11/24/99	DMC
TKN	0.89		T993763	mg/l	351.2	0.02	11/29/99	DMC
TP	2.9		T993763	mg/l	365.4	0.02	11/29/99	DMC
Fecal	<1	U	T993763	CFU/100m.	SM9222D	1	11/23/99@1410	TMH
Total Chlorine(Eff)	1.8		T993763	mg/l	SM4500CLD	0.1	11/23/99	DMC
PH	7.2		T993763	mg/l	150.1	1	11/23/99	JAE

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: 11/17/99@0815
P.O. Number
Sample Pickup: 11/17/99@0815
Lab Custody Date: 11/17/99@1130
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2.8		T993687	mg/l	SM5210B	1	11/18/99@0900	CAW
TSS(Eff.)	14.5		T993687	mg/l	160.2	1	11/19/99	CAW
COD	91		T993687	mg/l	410.1	20	11/17/99	CAW
Ammonia	0.05		T993687	mg/l	350.1	0.02	11/22/99	DMC
Nitrate	6.5		T993687	mg/l	4500NO3F	0.05	11/17/99@1459	DMC
TN	8.2		T993687	mg/l	351.2,4500NO3F	0.05	11/17/99	DMC
TKN	1.7		T993687	mg/l	351.2	0.02	11/19/99	DMC
TP	4.4		T993687	mg/l	365.4	0.02	11/19/99	DMC
Fecal	16		T993687	CFU/100ml	SM9222D	1	11/17/99@1305	TMH
Total Chlorine(Eff)	0.68		T993687	mg/l	SM4500CLD	0.1	11/17/99	DMC
PH	7.5		T993687	mg/l	150.1	1	11/17/99	JAE

Approved by:

Michael Cammarata, Laboratory Manager

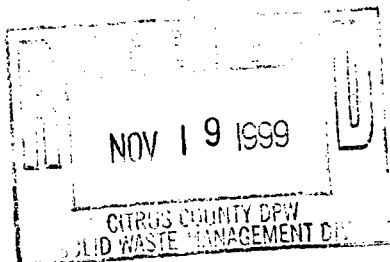


Advanced
Environmental Laboratories, Inc.

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: 11/10/99@1220
P.O. Number
Sample Pickup: 11/10/99@1220
Lab Custody Date: 11/10/99@1500
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.)	3.5		T993609	mg/l	SM5210B	2	11/11/99@0800	CAW
TSS(Eff.)	32		T993609	mg/l	160.2	1	11/15/99	CAW
COD	134		T993609	mg/l	410.1	20	11/16/99	CAW
Ammonia	0.57		T993609	mg/l	350.1	0.05	11/15/99@1033	DMC
Nitrate	0.97		T993609	mg/l	4500NO3F	0.05	11/11/99@1149	DMC
TN	4.4		T993609	mg/l	351.2,4500NO3F	0.05	11/11/99	DMC
TKN	3.4		T993609	mg/l	351.2	0.05	11/12/99	DMC
TP	5.5		T993609	mg/l	365.4	0.05	11/12/99	DMC
Fecal	<1	U	T993609	CFU/100m.	SM9222D	1	11/10/99@1545	TMH
Total Chlorine(Eff)	1.1		T993609	mg/l	SM4500CLD	0.1	11/10/99	DMC
PH	7.4		T993609	mg/l	150.1	1	11/10/99	CAW

Approved by: Donna H. Cammarata
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

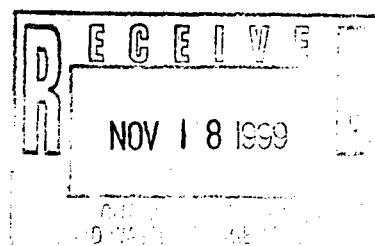
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 11/03/99@0800
P.O. Number
Sample Pickup: 11/03/99@0805
Lab Custody Date: 11/03/99@1130
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	4.6		T993509	mg/l	SM5210B	2	11/05/99@0800	CAW
TSS(Eff.)	26		T993509	mg/l	160.2	1	11/5/99	CAW
COD	111		T993509	mg/l	410.1	20	11/3/99	CAW
Ammonia	0.39		T993509	mg/l	350.1	0.05	11/08/99@1110	DMC
Nitrate	0.24		T993509	mg/l	4500NO3F	0.05	11/03/99@1447	DMC
TN	2.7		T993509	mg/l	351.2,4500NO3F	0.05	11/3/99	DMC
TKN	2.4		T993509	mg/l	351.2	0.02	11/5/99	DMC
TP	6.4		T993509	mg/l	365.4	0.02	11/5/99	DMC
Fecal	300		T993509	CFU/100ml	SM9222D	1	11/03/99@1310	TMH
Total Chlorine(Eff)	0.58		T993509	mg/l	SM4500CLD	0.1	11/3/99	DMC
PH	7.1			mg/l	150.1	1		

Approved by:

Michael Cammarata, Laboratory Manager



(1) Month OCTOBER Year 99

(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
1	0	0.001
2	0	0.009
3	0	0.008
4	0	0.001
5	0	0.000
6	0	0.000
7	0	0.000
8	0	0.000
9	0	0.000
10	0	0.000
11	0	0.000
12	0	0.000
13	0	0.000
14	0	0.000
15	0	0.000
16	0	0.000
17	0	0.000
18	0	0.000
19	0	0.000
20	0	0.000
21	0	0.000
22	0	0.000
23	0	0.000
24	0	0.000
25	0	0.000
26	0	0.000
27	0	0.000
28	0	0.000
29	0	0.000
30	0	0.000
31	0	0.000
32	0	0.000
33	0	0.000
34	0	0.000
35	0	0.000
36	0	0.000
37	0	0.000
38	0	0.000
39	0	0.000
40	0	0.000
41	0	0.000
42	0	0.000
43	0	0.000
44	0	0.000
45	0	0.000
46	0	0.000
47	0	0.000
48	0	0.000
49	0	0.000
50	0	0.000
51	0	0.000
52	0	0.000
53	0	0.000
54	0	0.000
55	0	0.000
56	0	0.000
57	0	0.000
58	0	0.000
59	0	0.000
60	0	0.000
61	0	0.000
62	0	0.000
63	0	0.000
64	0	0.000
65	0	0.000
66	0	0.000
67	0	0.000
68	0	0.000
69	0	0.000
70	0	0.000
71	0	0.000
72	0	0.000
73	0	0.000
74	0	0.000
75	0	0.000
76	0	0.000
77	0	0.000
78	0	0.000
79	0	0.000
80	0	0.000
81	0	0.000
82	0	0.000
83	0	0.000
84	0	0.000
85	0	0.000
86	0	0.000
87	0	0.000
88	0	0.000
89	0	0.000
90	0	0.000
91	0	0.000
92	0	0.000
93	0	0.000
94	0	0.000
95	0	0.000
96	0	0.000
97	0	0.000
98	0	0.000
99	0	0.000
100	0	0.000
101	0	0.000
102	0	0.000
103	0	0.000
104	0	0.000
105	0	0.000
106	0	0.000
107	0	0.000
108	0	0.000
109	0	0.000
110	0	0.000
111	0	0.000
112	0	0.000
113	0	0.000
114	0	0.000
115	0	0.000
116	0	0.000
117	0	0.000
118	0	0.000
119	0	0.000
120	0	0.000
121	0	0.000
122	0	0.000
123		

(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]

Month OCTOBER Year 99

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



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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/27/99@0800
P.O. Number
Sample Pickup: 10/27/99@0800
Lab Custody Date: 10/27/99@1000
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Use	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	6.5		T993433	mg/l	SM5210B	1	10/29/99@0800	CAW
TSS(Eff.)	17		T993433	mg/l	160.2	1	11/2/99	CAW
COD	95		T993433	mg/l	410.1	20	11/3/99	CAW
Ammonia	<0.05	U	T993433	mg/l	350.1	0.05	10/27/99	DMC
Nitrate	0.053		T993433	mg/l	4500NO3F	0.05	10/27/99@1413	DMC
TN	2.7		T993433	mg/l	351.2,4500NO3F	0.05	10/27/99	DMC
TKN	2.7		T993433	mg/l	351.2	0.05	10/28/99	DMC
TP	8		T993433	mg/l	365.4	0.05	10/28/99	DMC
Fecal	<1	U	T993433	CFU/100ml	SM9222D	1	10/27/99@1310	TMH
Total Chlorine(Eff)	1.2		T993433	mg/l	SM4500CLD	0.1	10/27/99	DMC
PH	7.4		T993433	mg/l	150.1	1	10/27/99	JAE

Approved by:

Michael Cammarata, Laboratory Manager

107 - 9 1999

CITRUS COUNTY DPW
WASTE MANAGEMENT



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

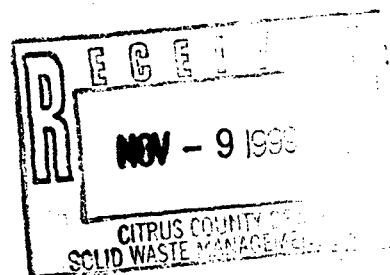
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/20/99@0900
P.O. Number
Sample Pickup: 10/20/99@0900
Lab Custody Date: 10/20/99@1030
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
Arsenic	*0.0194		T993347	mg.l	6010B	0.01	10/25/99	SH
Bariumm	*0.0129		T993347	mg.l	6010B	0.01	10/25/99	SH
Cadmium	*0.0058		T993347	mg.l	6010B	0.005	10/25/99	SH
Chromium	*<0.01	U	T993347	mg.l	6010B	0.01	10/25/99	SH
Lead	*0.0051		T993347	mg.l	6010B	0.005	10/25/99	SH
Selenium	*<0.01	U	T993347	mg.l	6010B	0.01	10/25/99	SH
Silver	*<0.01	U	T993347	mg.l	6010B	0.01	10/25/99	SH
Mercury	*<0.002	U	T993347	mg.l	7470A	0.002	10/26/99	SH
Iron	*0.194		T993347	mg.l	6010B	0.05	10/25/99	SH
Sodium	*261		T993347	mg.l	7790	0.5	10/26/99	SH
Ethylene Dibromide	*<0.02	U	T993347	ug/l	EPA 504	0.02	10/24/99	LEA
Total Xylenes	*4.1		T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Total Trihalomethane	*290		T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Benzene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Toluene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Ethylbenzene	*<1	U	T993347	ug/l	EPA 601/602	1	10/31/99	LEA
Chloride	1255		T993347	mg.l	4500CLE	1	10/20/99	DMC
TDS	1700		T993347	mg.l	160.1	2	10/20/99	DMC

Approved by:

Michael Cammarata, Laboratory Manager





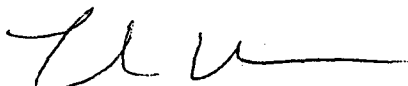
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

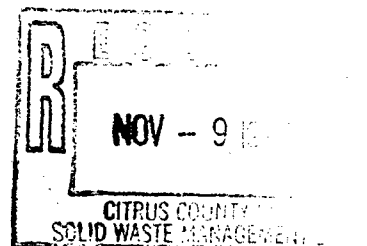
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/20/99@0900
P.O. Number
Sample Pickup: 10/20/99@0900
Lab Custody Date: 10/20/99@1030
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	3.8		T993347	mg/l	SM5210B	1	10/22/99@0800	CAW
TSS(Eff.)	5		T993347	mg/l	160.2	1	10/21/99	CAW
COD	65		T993347	mg/l	410.1	20	10/22/99	CAW
Ammonia	<0.05	U	T993347	mg/l	350.1	0.05	10/27/99	DMC
Nitrate	1.5		T993347	mg/l	4500NO3F	0.05	10/21/99@1518	DMC
TN	3.7		T993347	mg/l	351.2,4500NO3F	0.05	10/21/99	DMC
TKN	2.3		T993347	mg/l	351.2	0.05	10/25/99	DMC
TP	7.2		T993347	mg/l	365.4	0.05	10/22/99	DMC
Fecal	<1	U	T993347	CFU/100ml	SM9222D	1	10/20/99@1430	TMH
Total Chlorine(Eff)	0.75		T993347	mg/l	SM4500CLD	0.1	10/20/99	DMC
PH	7		T993347	mg/l	150.1	1	10/20/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager



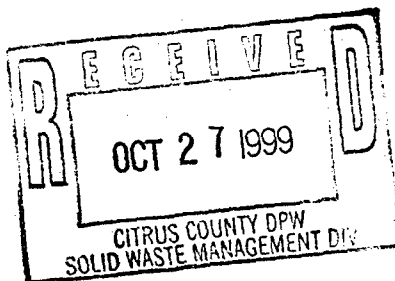


Advanced
Environmental Laboratories, Inc.

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: 10/13/99@0935
P.O. Number
Sample Pickup: 10/13/99@0935
Lab Custody Date: 10/13/99@1245
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.)	4.4		T993265	mg/l	SM5210B	1	10/15/99@0800	CAW
TSS(Eff.)	6		T993265	mg/l	160.2	1	10/13/99	CAW
COD	53		T993265	mg/l	410.1	20	10/15/99	CAW
Ammonia	0.5		T993265	mg/l	350.1	0.05	10/19/99	DMC
Nitrate	0.092		T993265	mg/l	4500NO3F	0.05	10/14/99@1434	DMC
TN	1.6		T993265	mg/l	351.2,4500NO3F	0.05	10/15/99	DMC
TKN	1.5		T993265	mg/l	351.2	0.005	10/15/99	DMC
TP	4.8		T993265	mg/l	365.4	0.05	10/15/99	DMC
Fecal	<1	U	T993265	CFU/100ml	SM9222D	1	10/13/99@1445	TMH
Total Chlorine(Eff)	0.17		T993265	mg/l	SM4500CLD	0.1	10/13/99	DMC
PH	7.4		T993265	mg/l	150.1	1	10/13/99	JAE

Approved by:

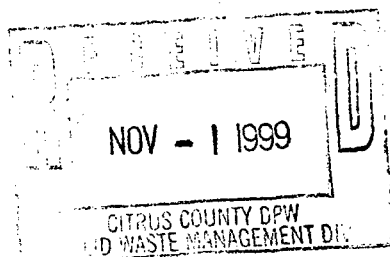
Michael Cammarata, Laboratory Manager



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



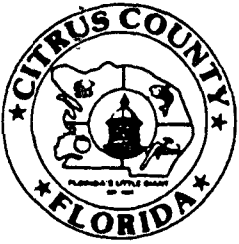
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 10/06/99@0840
P.O. Number
Sample Pickup: 10/06/99@0840
Lab Custody Date: 10/06/99@1300
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Usea	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	8.9		T993172	mg/l	SM5210B	1	10/07/99@0800	CAW
TSS(Eff.)	8		T993172	mg/l	160.2	1	10/11/99	CAW
COD	48		T993172	mg/l	410.1	20	10/6/99	CAW
Ammonia	<0.05	U	T993172	mg/l	350.1	0.05	10/12/99@1454	DMC
Nitrate	0.19		T993172	mg/l	4500NO3F	0.05	10/07/99@1558	DMC
TN	1.1		T993172	mg/l	351.2,4500NO3F	0.05	10/7/99	DMC
TKN	0.89		T993172	mg/l	351.2	0.05	10/11/99	DMC
TP	4.4		T993172	mg/l	365.4	0.05	10/11/99	DMC
Fecal	<1	U	T993172	CFU/100ml	SM9222D	1	10/06/99@1400	MLC
Total Chlorine(Eff)	0.12		T993172	mg/l	SM4500CLD	0.1	10/6/99	DMC
PH	7.5		T993172	mg/l	150.1	1	10/6/99	JAE

Approved by:


Michael Cammarata, Laboratory Manager



BOARD OF COUNTY COMMISSIONERS DEPARTMENT OF PUBLIC WORKS

January 11, 2000

Kim B. Ford, P.E.
Solid Waste Section
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619

Re: **Citrus County Central Landfill - Permit No. SO09-274382**
Leachate Generation and Daily Precipitation Report

Dear Mr. Ford:

In compliance with Specific Condition 17.c. of the above permit, enclosed please find the quarterly Leachate Generation and Daily Precipitation Report for the months October, November, and December 1999, together with the Year to Date Leachate Tracking Summary.

If you should need additional information, please let me know.

Sincerely,

A handwritten signature in cursive script, reading "Susan J. Metcalfe".

Susan J. Metcalfe
Director, Citrus County
Division of Solid Waste Management

SJM:CJW:cjw
Enclosures

(cjw-SWM:Winfile/DEP/FordLea.Doc)

CC: Kenneth E. Saunders, Jr., Director, Dept. Public Works (w/Y-T-D Summary)

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

1300 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

AQUATIC 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

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

**YEAR TO DATE LEACHATE TRACKING SUMMARY
CITRUS COUNTY CENTRAL LANDFILL
LEACHATE GALLONS
1999**

MONTH	RAIN DATA	7-ACRE TOTAL OF LEACHATE	80-ACRE TOTAL OF PRIMARY LEACHATE PHASE 1 & 1A	80-ACRE TOTAL OF SECONDARY LEACHATE PHASE 1A	SURFACE LEACHATE OR SPECIAL PROJECT	TOTAL LEACHATE	LEACHATE (RAW) DISPOSAL OFF-SITE	EFFLUENT DISPOSAL ON-SITE	EFFLUENT DISPOSAL OFF-SITE	TOTAL DISPOSAL	BALANCE
JANUARY	2.26	92713	125130	555	0	218398	0	233717	0	233717	-15319
FEBRUARY	0.81	60609	103491	0	0	164100	0	69622	0	69622	94478
MARCH	1.89	71775	110706	292	0	182773	93859	100314	0	194173	-11400
APRIL	0.84	60391	95067	333	0	155791	0	213320	0	213320	-57529
MAY	1.60	76974	92326	1629	0	170929	0	220605	0	220605	-49676
JUNE	9.18	54588	254204	4933	0	313725	0	182727	0	182727	130998
JULY	5.11	83409	254830	399	0	338638	0	306019	0	306019	32619
AUGUST	11.31	103896	278373	495	0	382764	0	392943	0	392943	-10179
SEPTEMBER	5.57	47120	242454	628	0	290202	0	337622	0	337622	-47420
OCTOBER	2.57	52416	199951	0	0	252367	0	247420	0	247420	4947
NOVEMBER	2.56	127062	188182	13233	0	328477	0	127773	42053	169826	158651
DECEMBER	1.34	88397	149694	658	0	238749	0	246541	0	246541	-7792
YTD.TOTAL	45.04	919350	2094408	23155	0	3036913	93859	2678623	42053	2814535	222378