



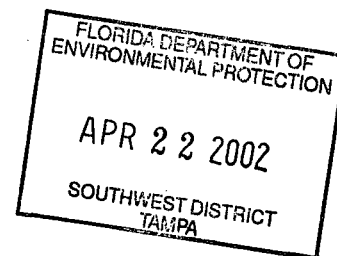
BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

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

21375
Leachatz

April 15, 2001

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



**RE: QUARTERLY LEACHATE MONITORING REPORT FOR CITRUS COUNTY CENTRAL
LANDFILL 60 AND 80 ACRE SITES - PERMIT NO. 21375-003-SO**

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: weekly and quarterly covering the period January, 2002 through March, 2002:

- 1) **Weekly effluent analytical results:** There were no exceedences of permit limits for this time period.
- 2) **Quarterly effluent analytical results:** There were no exceedences during this period. The results for Total Trihalomethanes is 236 ug/l; the results for Total Trihalomethanes in monitoring well MW-6 is 14.2 ug/l.

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

Sincerely,

Susan J. Metcalfe
Director, Division of
Solid Waste Management

SJM:CJW:cjw/(swmFshared:swm_ltc:Morrise4.15.02.doc)

CC: Tom Dick, Assistant Director, Dept. Public Works w/xls.sheet
Kim Ford, P.E., Depart of Environmental Protection w/xls.sheet

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.600(21)
Form Title <u>Ground Water Monitoring Report</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT
Rule 62-522.600(11)

PART I GENERAL INFORMATION

- 1) Facility Name CITRUS COUNTY CENTRAL LANDFILL
Address 230 W. GULF TO LAKE HIGHWAY
City LECANTO, FL Zip 34461
Telephone Number (352) 527-7670
- 2) The GMS Identification Number 4009C00086
- 3) DEP Permit Number 21375-003-SO
- 4) Authorized Representative Name SUSAN J. METCALFE
Address P.O. BOX 340
City LECANTO, FL Zip 34460
Telephone Number (352) 527-7670
- 5) Type of Discharge LEACHATE
- 6) Method of Discharge _____

Certification

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

Date: 04/17/02

Susan J Metcalfe

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # 980174
- Analytical Lab Comp QAP # /HRS Certification # 84549
- *Comp QAP # /HRS Certification # E84589
- Lab Name ADVANCED ENVIRONMENTAL LABORATORIES, INC.
- Address 5810-D BRECKENRIDGE PARKWAY, TAMPA, FL 33610
- Phone Number (813) 630-9616

Facility GMS #: _____ Sampling Date/Time: _____

Well Name: _____ Well Purged (Y/N): _____

Ground Water Elevation (NGVD): _____ () Compliance

or (MSL): _____

Well Type: () Background
 () Intermediate
 () Compliance
 () Other

SEE ATTACHED

Page 2 of 2

CITRUS COUNTY CENTRAL LANDFILL
WEEKLY LEACHATE MONITORING

MCL		200 CUF/100ML		20	6.0 -			12				20	NITROGEN
		FECAL		CBOD	8.5		NITROGEN		NITROGEN		PHOSPHORUS	SUSPENDED	TOTAL
DATE	<	COLIFORM	<	5 day	PH	<	AMMONIA	<	COD	<	NITRATE	<	KJELDAHL
1/2/02	<	1	<	2	7.9		3.2		180		2.2		10
1/9/02	<	1	<	2	7.8		0.038		51		1.4		1.4
1/16/02	<	1	<	2	7.2		0.08		76		6.7		2.4
1/22/02			<	2							1.06		1.8
1/30/02			<	2							3.7		1.2
2/6/02			<	2							0.11	<	1
2/13/02			<	2							2.2	<	1
2/20/02			<	2							2.5	<	1
2/27/02			<	2							3.1		2
3/6/02			<	2							2.4		1.8
3/13/02				2.6							2.3		3.6
3/20/02				2.8							2		4.2
3/27/02			<	2							1.2		4.4
Notation: New opermit parameters effective with the 1/22/02 sampling event													
cjw													

CITRUS COUNTY CENTRAL LANDFILL
LEACHATE MONITORING

						Results E02-020501 1/22/02
ParamName	Unit	By Permit	<			
Chloride	MG/L	N/A				370
Total dissolved solids	MG/L	N/A				950
Sodium	UG/L	N/A				230000
Benzene	UG/L	1	<			1
Ethylbenzene	UG/L	30	<			1
Ethylene dibromide	UG/L	0.02	<			0.02
Toluene	UG/L	40	<			1
Xylenes, total	UG/L	20	<			2
Trihalomethanes, total	UG/L	100				238
<i>Bromodichloromethane</i>	<i>UG/L</i>					<i>86</i>
<i>Bromoform</i>	<i>UG/L</i>					<i>28</i>
<i>Chloroform</i>	<i>UG/L</i>					<i>43</i>
<i>Dibromochloromethane</i>	<i>UG/L</i>					<i>81</i>
Monitoring Results for MW-6						
Trihalomethanes, total	UG/L					14.2
<i>Bromodichloromethane</i>	<i>UG/L</i>					<i>3.9</i>
<i>Bromoform</i>	<i>UG/L</i>					<i>1</i>
<i>Chloroform</i>	<i>UG/L</i>					<i>6.1</i>
<i>Dibromochloromethane</i>	<i>UG/L</i>					<i>3.2</i>
cjw						

Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

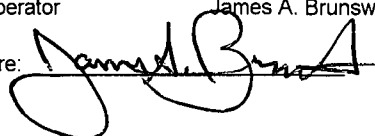
- (1) January Year 2002
- (2) Plant's DEP Identification Number 4009C00086
- (3) Plant Name Central Landfill Leachate Plant
- (4) Plant Address SR 44 3 Miles East Lecanto
- (5) City Lecanto
- (6) County Citrus
- (7) Phone Number (352) 527-7670
- (8) Permit Number 21375-003-SO
- (9) Plant Type 1-C
- (10) 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	0.005
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.015
(19) Percent of permitted capacity	%	--	18%
(20) CBOD5 Effluent	mg/L	080082	<2
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	1.6
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	6.5
(25) Maximum pH		--	7.9
(26) Total N	mg/L	000600	8.3
(27) TKN	mg/L	000625	4.6
(28) Ammonia (NH3 - N)	mg/L	000610	1.106
(29) Nitrate	mg/L	071850	3.5
(30) Total Phosphorus	mg/L	000665	6.1
(31) Minimum Chlorine Residual	mg/L	--	0.0
(32) Maximum Chlorine Residual	mg/L	--	0.0
(33) Other Effluent Parameters			
COD	mg/L		102.3333

- (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

Month January Year 2002

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.

Name (Please Type)

Company Name

Telephone No. (Please Type)

(352) 527-7670

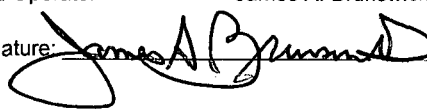
Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

- (1) February Year 2002
- (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) 527-7670
- (8) Permit Number 21375-003-SO
- (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	0.004
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.014
(19) Percent of permitted capacity	%	--	13%
(20) CBOD5 Effluent	mg/L	080082	<2
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	2.0
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.2
(25) Maxium pH		--	8.1
(26) Total N	mg/L	000600	N/A
(27) TKN	mg/L	000625	N/A
(28) Ammonia (NH3 - N)	mg/L	000610	N/A
(29) Nitrate	mg/L	071850	1.9775
(30) Total Phosphorus	mg/L	000665	N/A
(31) Minimum Chlorine Residual	mg/L	--	0.0
(32) Maximum Chlorine Residual	mg/L	--	0.0
(33) Other Effluent Parameters			
COD	mg/L		N/A

Lead Operator James A. Brunswick

Signature:  Cert. No. C-8197

Month February Year 2002

(352) 527-7670

(1) Month March Year : 2002

(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) 527-7670

(8) Permit Number 21375-003-SO

(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	0.477
8	0	0.812
9	0	1.288
10	0	1.937
11	0	2.818
12	0	3.981
13	0	5.555
14	0	7.668
15	0	10.486
16	0	14.182
17	0	18.999
18	0	25.119
19	0	32.818
20	0	43.328
21	0	56.756
22	0	74.483
23	0	98.107
24	0	129.879
25	0	171.773
26	0	227.742
27	0	303.997
28	0	406.776
29	0	543.658
30	0	723.143
31	0	956.913
32	0	1277.754
33	0	1719.250
34	0	2327.264
35	0	3158.384
36	0	4271.141
37	0	5734.210
38	0	7637.282
39	0	10171.147
40	0	13556.644
41	0	18094.781
42	0	24196.479
43	0	32373.678
44	0	43148.327
45	0	57342.516
46	0	75996.245
47	0	101711.524
48	0	135568.353
49	0	180948.632
50	0	241964.911
51	0	323739.190
52	0	431485.469
53	0	573425.748
54	0	759962.027
55	0	1017116.306
56	0	1355680.585
57	0	1809484.864
58	0	2419649.143
59	0	3237393.422
60	0	4314857.701
61	0	5734261.980
62	0	7599626.259
63	0	10171170.538
64	0	13556814.817
65	0	18094859.096
66	0	24196503.375
67	0	32373947.654
68	0	43148591.933
69	0	57342636.212
70	0	75996280.491
71	0	10171172.770
72	0	13556817.049
73	0	18094861.328
74	0	24196505.607
75	0	32373949.886
76	0	43148594.165
77	0	57342638.444
78	0	75996282.723
79	0	10171177.002
80	0	13556821.281
81	0	18094865.560
82	0	24196509.839
83	0	32373954.118
84	0	43148598.397
85	0	57342642.676
86	0	75996286.955
87	0	10171181.234
88	0	13556825.513
89	0	18094869.792
90	0	24196514.111
91	0	32373958.390
92	0	43148602.669
93	0	57342646.948
94	0	75996291.227
95	0	10171185.503
96	0	13556829.782
97	0	18094874.061
98	0	24196518.340
99	0	32373962.619
100	0	43148606.898
101	0	57342651.227
102	0	75996295.506
103	0	10171189.766
104	0	13556834.065
105	0	18094878.344
106	0	24196522.623
107	0	32373966.902
108	0	43148611.181

(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. B-2840

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

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

Lead Operator John Lear

Signature: *[Handwritten Signature]*

Cert. No. B7840

Year 2002

Telephone No. (Please Type) (352) 527-7670

Advanced Environmental Laboratories, Inc.
5810D Breckenridge Pkwy
Tampa, FL 33610

Citrus County Groundwater Monitoring Report

Client: Citrus County Landfill
Project No: GMS #4009C00086
Matrix: Groundwater
Facility No.: GMS #4009C00086
Test Site ID: 409A17270
Sample ID: MW-6
Lab ID: T020502-01

Report No.: T020502
Date Reported: 3/20/2002
Date/Time Sampled: 1/22/02 1210
Date/Time Submitted: 1/22/02 1430
Sampling Method: Bladder
Field Filtered (Y/N): No
Well Type: Intermediate
Total Pages: 3

Storet Code	Parameter Monitored	Preservatives Added	Analysis Method	Analysis Result	Data Qualifier	Units	Detection Limit	Date/Time Extracted	Date/Time Analysis	DOH Lab ID:	Analyst Initials
34516	1,1,2,2-Tetrachloroethene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34511	1,1,2-Trichloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34496	1,1-Dichloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34501	1,1-Dichloroethene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77443	1,2,3-Trichloropropane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
38760	1,2-Dibromo-3-chloropropane	HCl	8260	10	U	ug/l	10	N/A	1/24/02 2206	E82574	JPA
34536	1,2-Dichlorobenzene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34531	1,2-Dichloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34541	1,2-Dichloropropane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34566	1,3-Dichlorobenzene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77173	1,3-Dichloropropane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34571	1,4-Dichlorobenzene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77103	2-Hexanone	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
81552	Acetone	HCl	8260	10	U	ug/l	10	N/A	1/24/02 2206	E82574	JPA
34215	Acrylonitrile	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
78124	Benzene	HCl	8260	1.4		ug/l	1	N/A	1/24/02 2206	E82574	JPA
73085	Bromochloromethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
32101	Bromodichloromethane	HCl	8260	3.9		ug/l	1	N/A	1/24/02 2206	E82574	JPA
32104	Bromoform	HCl	8260	1		ug/l	1	N/A	1/24/02 2206	E82574	JPA
N/A	Bromomethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
N/A	Dibromomethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77041	Carbon disulfide	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
32102	Carbon Tetrachloride	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34301	Chlorobenzene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34311	Chloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
32106	Chloroform	HCl	8260	6.1		ug/l	1	N/A	1/24/02 2206	E82574	JPA
34418	Chloromethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
81686	cis-1,2-Dichloroethene	HCl	8260	2.3		ug/l	1	N/A	1/24/02 2206	E82574	JPA
34704	cis-1,3-Dichloropropene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
32105	Dibromochloromethane	HCl	8260	3.2		ug/l	1	N/A	1/24/02 2206	E82574	JPA
34371	Ethylbenzene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA

Approved By:

Michael L. Cammarata, Laboratory Manager

Advanced Environmental Lab Certifies That
the test results in this report meet all
requirements of Nelac standards.

U = Not Detected Above The Detection Limit

Advanced Environmental Laboratories, Inc.
5810D Breckenridge Pkwy
Tampa, FL 33610

Citrus County Groundwater Monitoring Report

Client: Citrus County Landfill
Project No: GMS #4009C00086
Matrix: Groundwater
Facility No.: GMS #4009C00086
Test Site ID: 409A17270
Sample ID: MW-6
Lab ID: T020502-01

Report No.: T020502
Date Reported: 3/20/2002
Date/Time Sampled: 1/22/02 1210
Date/Time Submitted: 1/22/02 1430
Sampling Method: Bladder
Field Filtered (Y/N): No
Well Type: Intermediate
Total Pages: 3

Storet Code	Parameter Monitored	Preservatives Added	Analysis Method	Analysis Result	Data Qualifier	Units	Detection Limit	Date/Time Extracted	Date/Time Analysis	DOH Lab ID:	Analyst Initials
N/A	Colors & Sheens	None	110.2	Clear		N/A	N/A	N/A	1/22/02	E84589	Field
00940	Chloride	None	325.3	160		mg/l	1.0	N/A	1/23/02 1435	E84589	DMC
00094	Conductivity	None	120.1	799		UMHOS/CM	N/A	N/A	1/22/02	E84589	Field
00299	Dissolved Oxygen	None	360.1	6.6		mg/l	N/A	N/A	1/22/02 1500	E84589	TMH
00610	Nitrogen, Ammonia	H ₂ SO ₄	350.1	1.8		mg/l	0.02	N/A	1/29/02 1227	E84589	DMC
00620	Nitrogen, Nitrate	None	4500NO3F	19		mg/l	0.05	N/A	1/24/02 0840	E84589	DMC
N/A	Fecal Coliform	None	9222D	1	U	CFU/100ml	1	N/A	1/22/02 1620	E84589	NM
00400	pH	None	150.1	4.4		Units	N/A	N/A	1/22/02	E84589	Field
00010	Temperature	None	170.1	23.5		C	N/A	N/A	1/22/02	E84589	Field
70300	Total Dissolved Solids	None	160.1	450		mg/l	2.0	N/A	1/29/02 1600	E84589	TMH
82078	Turbidity	None	180.1	1.95		NTU	N/A	N/A	1/22/02	E84589	Field
01097	Antimony	HNO ₃	7041	6	U	ug/l	6	N/A	1/28/02 1319	E82574	KC
01002	Arsenic	HNO ₃	6010B	10	U	ug/l	10	N/A	1/30/02 0838	E82574	KC
01007	Barium	HNO ₃	6010B	56		ug/l	10	N/A	1/25/02 1135	E82574	KC
01012	Beryllium	HNO ₃	6010B	3	U	ug/l	3	N/A	1/25/02 1135	E82574	KC
01027	Cadmium	HNO ₃	6010B	5	U	ug/l	5	N/A	1/25/02 1135	E82574	KC
01034	Chromium	HNO ₃	6010B	10	U	ug/l	10	N/A	1/30/02 0838	E82574	KC
01037	Cobalt	HNO ₃	6010B	10	U	ug/l	10	N/A	1/25/02 1135	E82574	KC
01042	Copper	HNO ₃	6010B	16		ug/l	10	N/A	1/25/02 1135	E82574	KC
01045	Iron	HNO ₃	6010B	1300		ug/l	100	N/A	1/30/02 0838	E82574	KC
01051	Lead	HNO ₃	6010B	40		ug/l	5	N/A	1/30/02 0838	E82574	KC
71900	Mercury	HNO ₃	7470A	0.2	U	ug/l	0.2	N/A	1/29/02 1110	E82574	KC
01067	Nickel	HNO ₃	6010B	24		ug/l	10	N/A	1/30/02 0838	E82574	KC
01147	Selenium	HNO ₃	6010B	20	U	ug/l	20	N/A	1/25/02 1135	E82574	KC
01077	Silver	HNO ₃	6010B	20	U	ug/l	20	N/A	1/25/02 1135	E82574	KC
00929	Sodium	HNO ₃	7841	110000		ug/l	10000	N/A	1/25/02 1135	E82574	KC
01059	Thallium	HNO ₃	6010B	50	U	ug/l	50	N/A	1/25/02 1400	E82574	KC
01087	Vanadium	HNO ₃	6010B	10	U	ug/l	10	N/A	1/25/02 1135	E82574	KC
01092	Zinc	HNO ₃	6010B	50	U	ug/l	50	N/A	1/25/02 1135	E82574	KC
77651	Ethylene Dibromide	None	504	0.02	U	ug/l	0.02	1/25/2002	1/27/02 1303	E82574	PW
77562	1,1,1,2-Tetrachloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34506	1,1,1-Trichloroethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA

Approved By:

Michael L. Cammarata, Laboratory Manager

Advanced Environmental Lab Certifies That
the test results in this report meet all
requirements of Nelac standards.

U = Not Detected Above The Detection Limit

Advanced Environmental Laboratories, Inc.
5810D Breckenridge Pkwy
Tampa, FL 33610

Citrus County Groundwater Monitoring Report

Client: Citrus County Landfill
Project No: GMS #4009C00086
Matrix: Wastewater
Facility No.: GMS #4009C00086
Test Site ID: 409A17270
Sample ID: MW-6
Lab ID: T020502-01

Report No.: T020502
Date Reported: 3/20/2002
Date/Time Sampled: 1/22/02 1210
Date/Time Submitted: 1/22/02 1430
Sampling Method: Bladder
Field Filtered (Y/N): No
Well Type: Intermediate
Total Pages: 3

Storet Code	Parameter Monitored	Preservatives Added	Analysis Method	Analysis Result	Data Qualifier	Units	Detection Limit	Date/Time Extracted	Date/Time Analysis	DOH Lab ID:	Analyst Initials
81595	Methyl ethyl ketone	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
N/A	Methyl Iodide (Iodomethane)	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
34423	Methylene Chloride	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
77128	Styrene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34475	Tetrachloroethene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
78131	Toluene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34546	trans-1,2-Dichloroethene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34699	trans-1,3-Dichloropropene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77268	trans-1,4-Dichloro-2-butene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
39180	Trichloroethene	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
34488	Trichlorofluoromethane	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
77057	Vinyl acetate	HCl	8260	5	U	ug/l	5	N/A	1/24/02 2206	E82574	JPA
39175	Vinyl chloride	HCl	8260	4		ug/l	1	N/A	1/24/02 2206	E82574	JPA
81551	Xylenes, total	HCl	8260	1	U	ug/l	1	N/A	1/24/02 2206	E82574	JPA
N/A	Total Trihalomethanes	HCl	8260	14.2		ug/l	4	N/A	1/24/02 2206	E82574	JPA

Approved By:

Michael L. Cammarata, Laboratory Manager

Advanced Environmental Lab Certifies That
the test results in this report meet all
requirements of Nelac standards.

U = Not Detected Above The Detection Limit

Advanced Environmental Laboratories, Inc.-Tampa
5810D Breckenridge Pkwy
Tampa, FL 33610

Page Number: 9

Sample Field Log

Sample Location: Citrus Co. Landfill
Lab ID: 1020502-01 Sampling Method: Grab Well Wizard
Well ID: MW-6 Well Size: 2"
Sampler: J. Beaman Date / Time Sampled: 1/22/02 1210
Weather: (Clear Cloudy Rainy) Type Of Well: (PVC Metal Other:)

A: Water Table

Well Depth Below Top Of Casing (TOC): 122 Feet
Depth Of Water Table Below Top Of Casing: (-) 118 Feet
Length Of Water Casing (LWC) (=) 004 Feet

One Total Volume (TV) Of Water In Well: Vols. = Volumes Vols. 3 Vols. 5 Vols.
2 Inch Diam. Well = $0.163 \times \text{LWC} =$ 0.65 Gallon
4 Inch Diam. Well = $0.653 \times \text{LWC} =$ Gallon
6 Inch Diam. Well = $1.469 \times \text{LWC} =$ Gallon
*(0.041) Diameter X Diameter X H = Gallon

H = Height of Water Column in Feet

* Any Size Casing

B: Conditions During Purging

Was Well Dry ? (Yes / No)
Did Well Go Dry Sampling ? (Yes / No) If Yes, How Many Volumes:
How Long Did Well Recharge Before Sampling:

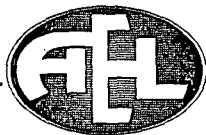
C: Physical Appearance At Sampling

Color: Clear Odor: NO

D: Field Measurements

1: Conductivity (umhos / cm) 706-703 141
1412=1376 706=703
T18109-13 T18109-14 T18109-16 T18109-11
2: pH (Units) 4=4.01 7=7.01 10=10.06 4=4.04
3: Temperature (°C) 0°C to 100°C
4: Turbidity (NTU) 8=8.11 32=32.08
a: If Sample Field Filtered For Turbidity, Value Recorded Here:
5: Dissolved Oxygen (mg / L) will be checked in Lab
6: Salinity (mg / L)
7: Oxidation Reduction Potential (mvolts @ °C)

Comments: 10 min to purge 3.33 Gallons



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

Contact: Jim Brunswick
Phone #: (352) 746-5000

Report Number: T020030
Date Reported: 1/11/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 1/2/02 1000
Sample Pickup: 1/2/02 1005
Lab Custody Date: 1/2/02 1345
Total Pages: 1 Of 1
DEP/Comqap: 980174

COMMENTS: E02-020030
RID = 02-1-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020030-01	mg/l	SM 5210B	2	1/3/02 1500	TMH	E84589
TSS(Eff.)	1	U	T020030-01	mg/l	EPA 160.2	1	1/3/02 1200	TMH	E84589
COD	180		T020030-01	mg/l	EPA 410.1	20	1/4/02 0900	JBH	E84589
Ammonia	3.2		T020030-01	mg/l	EPA 350.1	0.02	1/9/02 1535	DMC	E84589
Nitrate	2.2		T020030-01	mg/l	SM 4500NO3F	0.05	1/2/02 1538	DMC	E84589
TN	13		T020030-01	mg/l	EPA 351.2, SM4500NO3F	0.05	1/2/02 1538	DMC	E84589
TKN	10		T020030-01	mg/l	EPA 351.2	0.02	1/10/02 0944	DMC	E84589
TP	9.7		T020030-01	mg/l	EPA 365.4	0.02	1/10/02 1238	DMC	E84589
Fecal	1	U	T020030-01	CFU/100ml	SM 9222D	1	1/2/02 1350	SS	E84589
Total Chlorine(Eff)	1.2		T020030-01	mg/l	SM 4500CLD	0.1	1/3/02 0845	TMH	E84589
PH	7.9		T020030-01	N/A	Field	0.1	1/2/2002	JAE	E84589

Approved by: 
Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.



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☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

LAB NUMBER: 1020030

Page 1 of 1

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME: Weekly		BOTTLE SIZE & TYPE	LAB NUMBER
ADDRESS: 240 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:			
PROJECT LOCATION: LECANTO FLA		SAMPLER REQUIRED			
PHONE:	FAX:	CONTACT: Jim Brunswick			
TURN AROUND TIME: ☒ STANDARD ☐ RUSH		REMARKS / SPECIAL INSTRUCTIONS: pH = 8.44 calc w/ 4.74 = 4.06 CL₂ = 1.70 calc w/ 2.00 = .96		CRBOD TSS NO ₃ TP TN NH ₃ COD TKN FC	100 100 Bng
WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge		PRESERV			
SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING DATE TIME MATRIX NO. CONT.		
	EE Leachate	6	1/02/02 1000 WW 4		
				1020030	

I = Ice H = (HCl) S = (H₂SO₄) N = (HNO₃) T = (Sodium Thiosulfate)

Relinquished by:

Date Time

Received by:

Date Time

Shipment Out: / / Ret: / /	Method Via: _____ Via: _____	Sample Kit RB _____ AB _____ Trip Bl. ☐	Cooler # _____ D/T _____ D/T _____	1		1/2/02	1005		1/3/02	1005
				2		1/2/02	1345		1/2/02	1345
				3						
				4						

Received on ice: ☐ yes ☐ no ☐ QC ☐ sent ☐ received

revised 8/01



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

Contact: Jim Brunswick
Phone #: (352) 746-5000

Report Number: T020214
Date Reported: 1/18/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 1/9/02 1045
Sample Pickup: 1/9/02 1100
Lab Custody Date: 1/9/02 1330
Total Pages: 1 Of 1
DEP/Comqap: 980174

COMMENTS: E02-020214
RID = 02-1-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020214-01	mg/l	SM 5210B	2	1/11/02 0800	TMH	E84589
TSS(Eff.)	1	U	T020214-01	mg/l	EPA 160.2	1	1/10/02 1545	TMH	E84589
COD	51		T020214-01	mg/l	EPA 410.1	20	1/10/02 0900	JBH	E84589
Ammonia	0.038		T020214-01	mg/l	EPA 350.1	0.02	1/9/02 1604	DMC	E84589
Nitrate	1.4		T020214-01	mg/l	SM 4500NO3F	0.05	1/10/02 0817	DMC	E84589
TN	2.8		T020214-01	mg/l	EPA 351.2, SM4500NO3F	0.05	1/10/02 0817	DMC	E84589
TKN	1.4		T020214-01	mg/l	EPA 351.2	0.02	1/17/02 0953	DMC	E84589
TP	4.1		T020214-01	mg/l	EPA 365.4	0.02	1/17/02 1319	DMC	E84589
Fecal	1	U	T020214-01	CFU/100ml	SM 9222D	1	1/9/02 1345	SS	E84589
Total Chlorine(Eff)	0.7		T020214-01	mg/l	SM 4500CLD	0.1	1/10/02 1000	TMH	E84589
PH	7.8		T020214-01	N/A	Field	0.1	1/9/2002	JAE	E84589

Approved by:


Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.



LAB NUMBER: T020214

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Page _____ of _____

CLIENT NAME: Citrus Co. Landfill		PROJECT NAME: weekly		BOTTLE SIZE & TYPE A R N E A Q L U Y I S R I E S D	1/2 Gall	500	1000	700g	100				L A B N U M B E R
ADDRESS: 240 Gulf to way Hwy		P.O. NUMBER / PROJECT NUMBER:											
Lecanto, FL		PROJECT LOCATION:											
PHONE:	FAX:												
CONTACT: Jim Brunswick		SAMPLED BY: S. Beaman											
TURN AROUND TIME: ☒ STANDARD ☐ RUSH _____		REMARKS / SPECIAL INSTRUCTIONS: AH=2,16 CG=1,98											

WW= waste water **SW**=surface water **GW**=ground water **DW**=drinking water **OIL** **A**=air **SO**=soil **SL**=sludge

[illegible]

I = Ice H = (HCl) S = (H₂SO₄) N = (HNO₃) T = (Sodium Thiosulfate)

Relinquished by:

Date	Time
------	------

Received by:

Date Time

Shipment Out:	Method Via:	Sample Kit RB	Cooler # D/T	1							
/ /	AFL Sampled	AB	D/T	2	<i>[Signature]</i>	1/9/02	1100	<i>[Signature]</i>	<i>[Signature]</i>	1/9/02	1100
Ret: / /	Via:	Trip Bl.		3	<i>[Signature]</i>	1/9/02		<i>[Signature]</i>	<i>[Signature]</i>	1-9-02	1330
				4							

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01



Advanced
Environmental Laboratories, Inc.

2106 NW 67th Place • Suite 7
Gainesville, Florida 32606
(352) 367-1500
FAX (352) 367-0050

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

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T020371
Date Reported: 1/31/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 1/16/02 1025
P.O. Number: N/A
Sample Pickup: 1/16/02 1030
Lab Custody Date: 1/16/02 1245
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020371-01	mg/l	SM5210B	2	1/18/02 0800	NM	E84589
TSS(Eff.)	2		T020371-01	mg/l	160.2	1	1/17/02 1030	TMH	E84589
COD	76		T020371-01	mg/l	EPA 410.1	20	1/21/02 0930	JBH	E84589
Ammonia	0.08		T020371-01	mg/l	EPA 350.1	0.02	1/21/02 1544	DMC	E84589
Nitrate	6.7		T020371-01	mg/l	SM4500NO3F	0.05	1/17/02 0645	DMC	E84589
TN	9.1		T020371-01	mg/l	151.2-4500NO3	0.05	1/17/02 0645	DMC	E84589
TKN	2.4		T020371-01	mg/l	EPA 351.2	0.02	1/24/02 1108	DMC	E84589
TP	4.5		T020371-01	mg/l	EPA 365.4	0.02	1/24/02 1434	DMC	E84589
Fecal	1	U	T020371-01	CFU/100ml	SM9222D	1	1/16/02 1400	NM	E84589
Total Chlorine(Stp)	1.3		T020371-01	mg/l	SM4500CLD	0.1	1/17/02 1000	TMH	E84589
pH	7.2		T020371-01	Units	EPA 150.1	0.1	1/16/2002	SB	Field

Approved by:

Michael Cammarata, Laboratory Manager

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Tampa, Florida 33610
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Client: Citrus County Landfill
P.O. Box 340
Lecanton, FL 34460

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T020501
Date Reported: 3/26/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 1/22/02 1110
P.O. Number: N/A
Sample Pickup: 1/22/02 1120
Lab Custody Date: 1/22/02 1430
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS: E02-020501
R1b=02-1-4

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020501-01	mg/l	SM5210B	2	1/23/02 0900	TMH	E84589
TSS(Eff.)	1.8		T020501-01	mg/l	160.2	1	1/23/02 1030	TMH	E84589
Nitrate	1.06		T020501-01	mg/l	SM4500NO3F	0.05	1/24/02 0839	DMC	E84589

Approved by: 

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



LAB NUMBER: 7020501

Page 1 of 2

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[illegible]Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01



Advanced
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2106 NW 67th Place • Suite 7
Gainesville, Florida 32606
(352) 367-1500
FAX (352) 367-0050

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

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T020501
Date Reported: 3/27/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 1/22/02 1115
Sample Pickup: 1/22/02 1120
Lab Custody Date: 1/22/02 1430
DEP/Comqap#: 980174
Total Pages: 1 of 1

COMMENTS:

E02-020501

R15 = 02-1-5

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
Sodium	230000		T020501-02	ug/l	EPA 200.7	2000	1/25/02 1135	KC	E82574
Ethylene Dibromide	0.02	U	T020501-02	ug/l	EPA 504	0.02	1/25/02 1305	PW	E82574
Total Xylenes	2	U	T020501-02	ug/l	EPA 624	10	1/31/02 2308	JPA	E82574
Bromoform	28		T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Chloroform	43		T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Bromodichloromethane	86		T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Dibromochloromethane	81		T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Total Trihalomethanes	238		T020501-02	ug/l	EPA 624	4	1/31/02 2308	JPA	E82574
Benzene	1	U	T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Toluene	1	U	T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Ethylbenzene	1	U	T020501-02	ug/l	EPA 624	1	1/31/02 2308	JPA	E82574
Chloride	370		T020501-02	mg/l	4500CL	1	1/23/02 1434	JBH	E84589
TDS	950		T020501-02	mg/l	160.3	2	1/29/02 1600	TMH	E84589

Approved by:

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



CHAIN OF CUSTODY RECORD

Page 2 of 2

I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)				Relinquished by:		Date		Time		Received by:		Date		Time	
Shipment	Method	Sample Kit	Cooler #	1		1/23/02	1120		1/23/02	1120					
Out: / /	Via: <u>Sampled</u>	RB	D/T	2											
		AB	D/T	3											
Ret: / /	Via:	Trip Bl.		4											

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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

Contact: Jim Brunswick
Phone #: (352) 746-5000

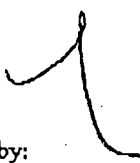
Report Number: T020657
Date Reported: 2/7/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 1/30/02 0910
Sample Pickup: 1/30/02 0910
Lab Custody Date: 1/30/02 1130
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS:

E02-020657
. R15 = 02-3-4

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020657-01	mg/l	SM 5210B	2	1/31/02 0830	TMH	E84589
TSS(Eff.)	1.2		T020657-01	mg/l	EPA 160.2	1	1/31/02 1730	TMH	E84589
Nitrate	3.7		T020657-01	mg/l	SM 4500NO3F	0.05	1/31/02 0824	DMC	E84589
Total Chlorine(Eff.)	0.6		T020657-01	mg/l	SM 4500CLD	0.1	1/31/02 0830	NM	E84589
PH	7.5		T020657-01	N/A	Field	0.1	1/30/2002	N/A	E84589

Approved by:


Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



CHAIN OF CUSTODY RECORD

LAB NUMBER: T-20657

Page _____ of _____

CLIENT NAME: CITRUS COUNTY LANDFILL			PROJECT NAME:			BOTTLE SIZE & TYPE									
ADDRESS: 240 GULF RUNWAY HWY LECANTO FLA			P.O. NUMBER / PROJECT NUMBER:			ARE ACQUIRED		CBOC TSS	NO 3	BAS	100				
PHONE: FAX:			PROJECT LOCATION:												
CONTACT: Jim			SAMPLED BY: J Edwfield												
TURN AROUND TIME: ☐ STANDARD ☐ RUSH			REMARKS / SPECIAL INSTRUCTIONS: Temp 22°C PH 7.5												
WW=waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sediment						Preserv					H2SO4				
SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING		MATRIX	NO. CONT.									
	ESE Cerechade		DATE	TIME			X	X	X	X					cl
I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)						Relinquished by:		Date	Time	Received by:	Date	Time			
Shipment Out: / /	Method Via:	Sample Kit RB AB Trip Bl.	Cooler # D/T D/T	1 2 3 4	J. B. [Signature]		1/30/02		J. B. [Signature]	1/30/02	0910				
Ret: / /	Via:				J. B. [Signature]		1/30/02		J. B. [Signature]	1/30/02	1200				

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01



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

Contact: Jim Brunswick
Phone #: (352) 746-5000

Report Number: T020802
Date Reported: 2/13/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 2/6/02 1020
Sample Pickup: 2/6/02 1025
Lab Custody Date: 2/6/02 1300
Total Pages: 1 Of 1
DEP/Comqap: 980174

COMMENTS: E02-020802
RIP = 02-2-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T020802-01	mg/l	SM 5210B	2	2/7/02 0750	NM	E84589
TSS(Eff.)	1	U	T020802-01	mg/l	EPA 160.2	1	2/7/02 1000	NM	E84589
Nitrate	0.11		T020802-01	mg/l	SM 4500NO3F	0.05	2/7/02 1132	SS	E84589
Total Chlorine(Eff)	0.9		T020802-01	mg/l	SM 4500CLD	0.1	2/7/02 0700	NM	E84589
PH	8		T020802-01	N/A	Field	0.1	2/6/2002	Field	E84589

Approved by: Michael Cammarata
Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit

CLIENT NAME: Citrus Co Landfill		PROJECT NAME: Weekly		BOTTLE SIZE & TYPE 1/2 gal		120																LAB NUMBER	
ADDRESS: 230 W. Gulf to Lake Hwy		P.O. NUMBER / PROJECT NUMBER:		PROJECT LOCATION: Landfill		A R E A A C Q U I R E D																	
PHONE: 352-746-500		FAX:		SAMPLED BY: S. Beamer		2003																	
CONTACT: Jim Brunsen		TURN AROUND TIME:		REMARKS / SPECIAL INSTRUCTIONS: PH=8.11 Ca/W 4+7 4=4.07 CL2=1.12 Ca/W 1.0 h ₂ mnw4=1.0																			
STANDARD		RUSH																					
WW= waste water		SW=surface water		GW=ground water		DW=drinking water		OIL		A=air		SO=soil		SL=sludge		Preserv							
SAMPLE ID		SAMPLE DESCRIPTION		Grab Composite		SAMPLING DATE		SAMPLING TIME		MATRIX		NO. CONT.											
		Eff Leachate		2/6/02		1020		WW		2													

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01



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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

Contact: Jim Brunswick
Phone #: (352) 746-5000

Report Number: T021001
Date Reported: 2/21/2002
Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 2/13/02 1020
Sample Pickup: 2/13/02 1030
Lab Custody Date: 2/13/02 1300
Total Pages: 1 Of 1
DEP/Comqap: 980174

COMMENTS:

E02-021001

RID = 02-2-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T021001-01	mg/l	SM 5210B	2	2/15/02 0750	TMH	E84589
TSS(Eff.)	1	U	T021001-01	mg/l	EPA 160.2	1	2/15/02 0900	TMH	E84589
Nitrate	2.2		T021001-01	mg/l	SM 4500NO3F	0.05	2/15/02 0752	DMC	E84589
Total Chlorine(Eff)	0.4		T021001-01	mg/l	SM 4500CLD	0.1	2/14/02 0850	TMH	E84589

Approved by:


Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



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LAB NUMBER: T021001

Page _____ of _____

I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)		Relinquished by:		Date	Time	Received by:		Date	Time
Shipment	Method	Sample Kit	Cooler #	1					
Out: / /	Via <i>Sampled</i>	RB	D/T	2					
		AB	D/T	3					
Ret: / /	Via: _____	Trip Bl.		4					
		☐	☐						

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 9/05



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Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Landfill
230 W. Gulf to Lake Hwy
Lecanto, Fl 34460

Contact: Jim Brunswick
Phone #: 352-746-5000

Report Number: T021161
Date Reported: 2/28/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 2/20/02 1015
Sample Pickup: 2/21/02 1020
Lab Custody Date: 2/20/02 1320
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS:

E02-021161

215 = 02-2-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analyst Initials	Analysis/Setup Date/Time	DOH Lab ID
CBOD(Eff.)	2	U	T021161-01	mg/l	SM5210B	2	TMH	2/22/02 0800	E84589
TSS(Eff.)	1	U	T021161-01	mg/l	160.2	1	TMH	2/21/02 1015	E84589
Nitrate	2.5		T021161-01	mg/l	SM4500NO3F	0.05	DMC	2/22/02 0804	E84589
Total Chlorine(Eff)	0.3		T021161-01	mg/l	SM4500CLD	0.1	NM	2/21/02 1730	E84589

Approved by:

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

J4=Matrix Interference

U=Not Detected Above The MRL

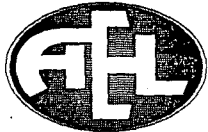


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LAB NUMBER: 1021060

Page _____ of _____

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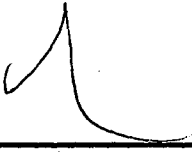
Client: Citrus County Landfill
230 W. Gulf to Lake Hwy
Lecanto, FL 34460

Contact: Jim Brunswick
Phone #: 352-746-5000

Report Number: T021324
Date Reported: 3/7/2002
Field Custody: Client
Client/Field ID: Citrus Co. Landfill
Matrix: Wastewater
Sample Collection: 2/27/02 1105
Sample Pickup: 2/27/02 1300
Lab Custody Date: 2/27/02 1550
Total Pages: 1 OF 1
DEP/Comqap: 980174

COMMENTS: E02-021324
RID=02-2-4

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analyst Initials	Analysis/Setup Date/Time	DOH Lab ID
CBOD(Eff.)	2	U	T021324-01	mg/l	SM5210B	2	TMH	2/28/02 1500	E84589
TSS(Eff.)	2		T021324-01	mg/l	160.2	1	TMH	2/28/02 1040	E84589
Nitrate	3.1		T021324-01	mg/l	SM4500NO3F	0.05	DMC	2/28/02 1514	E84589
Total Chlorine(Eff)	0.2		T021324-01	mg/l	SM4500CLD	0.1	NM	2/28/02 0900	E84589

Approved by: 
Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

J4=Matrix Interference

U=Not Detected Above The MRL



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LAB NUMBER: 1021324

Page _____ of _____

[illegible]

I = Ice H = (HCl) S = (H₂SO₄) N = (HNO₃) T = (Sodium Thiosulfate)

Relinquished by:

Date	Time
------	------

Received by:

Date Time

Shipment Out: / /	Method Via:	Sample Kit RB	Cooler # D/T	1	<i>[Signature]</i>	2/2/02	<i>[Signature]</i>	7262
		AB	D/T	2	<i>[Signature]</i>	7/2/02	<i>[Signature]</i>	72700
Ret: / /	Via:	Trip Bl		3	<i>[Signature]</i>		<i>[Signature]</i>	2-27-02 153
		☐	☐	4				

Received on ice: ☒ yes ☐ no QC ☐ sent ☐ received

revised 8/01



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Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

Client: Citrus County Landfill
230 W. Gulf to Lake Hwy
Lecanto, FL 34460

Contact: Jim Brunswick
Phone #: 352-746-5000

Report Number: T021486
Date Reported: 3/12/2002
Field Custody: Client
Client/Field ID: Citrus Landfill
Matrix: Wastewater
Sample Collection: 3/6/02 1005
Sample Pickup: 3/6/02 1007
Lab Custody Date: 3/6/02 1230
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS: E02 = 021486
R11 = 02-3-1

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analyst Initials	Analysis/Setup Date/Time	DOH Lab ID
CBOD(Eff.)	2	U	T021486-01	mg/l	SM5210B	2	TMH	3/7/02 1630	E84589
TSS(Eff.)	1.8		T021486-01	mg/l	160.2	1	TMH	3/8/02 1030	E84589
Nitrate	2.4		T021486-01	mg/l	SM4500NO3F	0.05	DMC	3/7/02 1414	E84589
Total Chlorine(Eff)	0.3		T021486-01	mg/l	SM4500CLD	0.1	NM	3/7/02 1055	E84589

Approved by:


Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The MRL

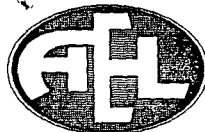


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LAB NUMBER: 1021486

Page 1 of 1

I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)				Relinquished by:		Date	Time	Received by:		Date	Time
Shipment	Method	Sample Kit	Cooler #	1		3/6/02	1007		3/6/02	1007	
Out: / /	Via: <i>Sample</i>	RB	D/T	2							
		AB	D/T	3							
Ret: / /	Via:	Trip Bl.		4							
		☒	☐								



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Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T021660
Date Reported: 3/26/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 3/13/02 0945
P.O. Number: N/A
Sample Pickup: 3/13/02 0945
Lab Custody Date: 3/13/02 1300
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS:

E02-021660
R17 = 02-3-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2.6		T021660-01	mg/l	SM5210B	2	3/15/02 0745	TMH	E84589
TSS(Eff.)	3.6		T021660-01	mg/l	160.2	1	3/14/02 1100	SS	E84589
Nitrate	2.3		T021660-01	mg/l	SM4500NO3F	0.05	3/14/02 0721	DMC	E84589

Approved by: _____

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



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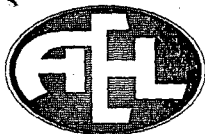
CHAIN OF CUSTODY RECORD

LAB NUMBER: T021660

Page _____ of _____

CLIENT NAME: CITRUS COUNTY LAND RECL		PROJECT NAME:		BOTTLE SIZE & TYPE		TAPAL		100		THIO												LAB NUMBER	
ADDRESS: 240 GULF TO WAX HWY		P.O. NUMBER / PROJECT NUMBER:		AR		TSS		NO3		EC													
LEONTO FLA		PROJECT LOCATION:		AN																			
PHONE: _____ FAX: _____				QU																			
CONTACT: Jim Brunswick		SAMPLED BY: J Edenfield		L																			
TURN AROUND TIME:		REMARKS / SPECIAL INSTRUCTIONS:		S																			
☐ STANDARD		PH-7.9																					
☐ RUSH _____		TEMP 19																					
WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge																							
SAMPLE ID		SAMPLE DESCRIPTION		Grab Composite		SAMPLING DATE		TIME		MATRIX		NO. CONT.		Preserv									
		EFF Leachade				3/13/02		0945		WW		3										T021660	
																						-01	

I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)		Relinquished by:		Date		Time		Received by:		Date		Time	
Shipment Out: / /	Method Via: _____	Sample Kit RB _____	Cooler # _____	1	Lab Kit	3/13/02	AM	Chare Smith	3/13/02	AM			
		AB _____	D/T _____	2	Chare Smith	3/13/02	0945	Chare Smith	3/13/02	0945			
Ret: / /	Via: _____	Trip Bl _____		3	Chare Smith	3/13/02	1300	Chare Smith	3/13/02	1300			
		☐	☐	4	Chare Smith	3/13/02		Chare Smith	3/13/02				



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Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T021848
Date Reported: 3/27/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 3/20/02 0850
P.O. Number: N/A
Sample Pickup: 3/20/02 0850
Lab Custody Date: 3/20/02 1210
Total Pages: 1 of 1
DEP/Comqap: 980174

COMMENTS:

E02-021848
R15 = 02-3-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2.8		T021848-01	mg/l	SM5210B	2	3/21/02 1430	TMH	E84589
TSS(Eff.)	4.2		T021848-01	mg/l	160.2	1	3/21/02 1000	TMH	E84589
Nitrate	2		T021848-01	mg/l	SM4500NO3F	0.05	3/21/02 0734	DMC	E84589

Approved by: 

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



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CHAIN OF CUSTODY RECORD

LAB NUMBER:

1021848

Page 1 of 1

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		BOTTLE SIZE & TYPE 2 gal															
ADDRESS: 240 GULF TOWAY HWY		PO NUMBER / PROJECT NUMBER:		AR NE AQ UI RY SR ED															
LeCANTo FLA		PROJECT LOCATION:																	
PHONE:		FAX:																	
CONTACT: J BRUNSWICK		SAMPLED BY: J EDWARDS																	
TURN AROUND TIME:		REMARKS / SPECIAL INSTRUCTIONS:																	
☐ STANDARD																			
☐ RUSH																			

WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING		MATRIX	NO. CONT.	Preserv												
			DATE	TIME															
	EFF Leachate		3/20/02	0850	WW	2													

I = Ice H = (HCl) S = (H₂SO₄) N = (HNO₃) T = (Sodium Thiosulfate)

Shipment		Method		Sample Kit		Cooler #		Relinquished by:		Date		Time		Received by:		Date		Time	
Out:	1/1	Via:		RB		D/T		Lab Kit		3/20/02		11AM		J. Edwards		3/20/02		0850	
Ret:	1/1	Via:		AB		D/T		J. Edwards		3/20/02				J. Edwards		3/20/02		1210	
				Trip Bl.															

Received on ice ☐ yes ☒ no QC ☐ sent ☒ received

revised 8/01



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(352) 367-1500
FAX (352) 367-0050

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

Contact: Cathy Winter
Phone #: 352-746-5000

Report Number: T022037
Date Reported: 4/2/2002
Field Custody: Client
Client/Field ID: Eff Leachate
Matrix: Wastewater
Sample Collection: 3/27/02 0920
P.O. Number: N/A
Sample Pickup: 3/27/02 0920
Lab Custody Date: 3/27/02 1140
Total Pages: 1 of 1
DEP/Comgap: 980174

COMMENTS:

E02-022037

R15 = 02-1-6

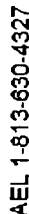
Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit	Analysis/Setup Date/Time	Analyst Initials	DOH Lab ID:
CBOD(Eff.)	2	U	T022037-01	mg/l	SM5210B	2	3/28/02 1345	TMH	E84589
TSS(Eff.)	4.4		T022037-01	mg/l	160.2	1	3/28/02 1530	TMH	E84589
Nitrate	1.2		T022037-01	mg/l	SM4500NO3F	0.05	3/28/02 0744	DMC	E84589

Approved by:

Michael Cammarata, Laboratory Manager

Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac standards.

U=Not Detected Above The Detection Limit



Monday, April 08, 2002 3:23 PM

0.03

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Page 1 of 1

revised 8AD1