

4009C 00086
WAC 39859

BOARD OF COUNTY COMMISSIONERS DEPARTMENT OF PUBLIC WORKS

COPY

July 6, 2000

REPLY TO:
Solid Waste Management

Mr. John Morris
Solid Waste Section
Dept. Of Environmental Protection
3804 Coconut Palm Drive
Tampa, FL 33619-8318

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

Dear Mr. Morris:

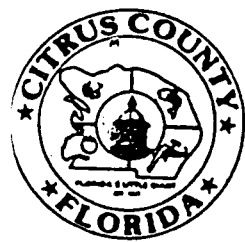
Enclosed please find the following leachate monitoring results for the Citrus County Central Landfill site, together with the Operator's monthly reports, covering the period 4/00 through 6/00:

- 1) **Semi-Annual Influent:** Reported parameters include field, laboratory and Appendix I, in accordance with permit conditions. Results for all parameters are in compliance with regulatory limits.
- 2) **Weekly effluent analytical results:** There were two exceedences of permit limits during this period, however they were for different parameters and did not occur during consecutive weeks. Those include fecal coliform on April 12, and Nitrate on May 31. Staff believes the fecal coliform increase was due to the landfill bird population using the plant as a water source. A slight increase in chlorination has corrected the problem. The plant experienced mechanical problems on May 31 prior to the laboratory sampling event. The problem was corrected and staff's in-house sampling results indicated 11.0 mg/l prior to discharge to the percolation pond.
- 3) **Quarterly effluent analytical results:** There was one exceedence of drinking water limits on April 12 for total Trihalomethanes; Staff believes that the cause for the elevated THM's in the sample may have been due to another algae bloom in the chlorination tank prior to sampling. Decay of algae, thus producing organics, combined with chlorination is the most probable cause of elevated THM's. We have slightly increased chlorination levels in an effort to keep algae blooms from occurring.

RECEIVED

JUL 11 2000

Solid Waste Section



500 W. SOVEREIGN PATH
ECANTO, 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

500 S. LECANTO HIGHWAY
ECANTO, FLORIDA 34461

MAINTENANCE OPERATIONS:
• Facilities Maint. Section
PO Box 143
Locanto, FL 34460
352-527-0133 Phone
352-527-0654 Fax

• Fleet Management Section
PO Box 215
Locanto, FL 34460
352-746-6888 Phone
352-746-5011 Fax

WATER UTILITY SERVICES
PO Box 440
Locanto, FL 34460
352-746-2694 Phone
352-746-9189 Fax

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

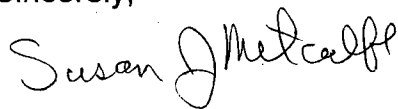
UTILITIES DIVISION
PO Box 440
Locanto, FL 34460
352-746-2694 Phone
352-746-1676 Fax

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

Mr. John Morris
Second Quarter Leachate Report
Citrus County Central Landfill
July 6, 2000

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

Sincerely,

A handwritten signature in cursive script that reads "Susan J. Metcalfe".

Susan J. Metcalfe
Director, Division of
Solid Waste Management

SJM:CJW:cjw/(swmFshared:swm_ltc:MorrisLea7600.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

APRIL, MAY, JUNE 2000

[illegible]

JUNE MOR 1

Domestic Wastewater Treatment Plant Monthly Operating Report

Part II - General Information

(1) Month JUNE Year 2000

(2) Plant's DEP Identification Number 4009C00086

(3) Plant Name Central Landfill Leachate Plant

(4) Plant Address SR 44 3 Miles East Lecanto

(5) City Lecanto

(6) County Citrus

(7) Phone Number (352) 746-5000

(8) Permit Number S-009-274381

(9) Plant Type 1-C

(10) Test Site Identification Number N/A

(11) Fecal Coliform Sample Method

X	Membrane filter	Most Probable Number
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	0.887
9	0	1.670
10	0	3.203
11	0	6.039
12	0	11.430
13	0	21.608
14	0	41.772
15	0	80.850
16	0	157.496
17	0	305.835
18	0	591.992
19	0	1145.037
20	0	2231.301
21	0	4375.753
22	0	8542.168
23	0	16714.216
24	0	32768.000
25	0	64512.000
26	0	128000.000
27	0	256000.000
28	0	512000.000
29	0	1024000.000
30	0	2048000.000
31	0	4096000.000
32	0	8192000.000
33	0	16384000.000
34	0	32768000.000
35	0	65536000.000
36	0	131072000.000
37	0	262144000.000
38	0	524288000.000
39	0	1048576000.000
40	0	2097152000.000
41	0	4194304000.000
42	0	8388608000.000
43	0	16777216000.000
44	0	33554432000.000
45	0	67108864000.000
46	0	134217728000.000
47	0	268435456000.000
48	0	536870912000.000
49	0	1073741824000.000
50	0	2147483648000.000
51	0	4294967296000.000
52	0	8589934592000.000
53	0	17179869184000.000
54	0	34359738368000.000
55	0	68719476736000.000
56	0	137438953472000.000
57	0	274877906944000.000
58	0	549755813888000.000
59	0	1099511627776000.000
60	0	2199023255552000.000
61	0	4398046511104000.000
62	0	8796093022208000.000
63	0	17592186044416000.000
64	0	35184372088832000.000
65	0	70368744177664000.000
66	0	140737488355328000.000
67	0	281474976710656000.000
68	0	562949953421312000.000
69	0	1125899906842624000.000
70	0	2251799813685248000.000
71	0	4503599627370496000.000
72	0	9007199254740992000.000
73	0	18014398509481984000.000
74	0	36028797018963968000.000
75	0	72057594037927936000.000
76	0	144115188075855872000.000
77	0	288230376151711744000.000
78	0	576460752303423488000.000
79	0	1152921504606846976000.000
80	0	2305843009213693952000.000
81	0	4611686018427387904000.000
82	0	9223372036854775808000.000
83	0	18446744073709551616000.000
84	0	36893488147419103232000.000
85	0	73786976294838206464000.000
86	0	147573952589676412928000.000
87	0	295147905179352825856000.000
88	0	590295810358705651712000.000
89	0	1180591620717411303424000.000
90	0	2361183241434822606848000.000
91	0	4722366482869645213696000.000
92	0	9444732965739290427392000.000
93		

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

Lead Operator James A. Brunswick

Signature: [Signature] Cert. No. _____

[illegible]

Month **JUNE** Year **2000**

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

Date:

James Brunswick

(352) 746-5000

Domestic Wastewater Treatment Plant Monthly Operating Report

Signature: [Signature] Cert. No. 08197

Domestic Wastewater Treatment Plant Monthly Operating Report

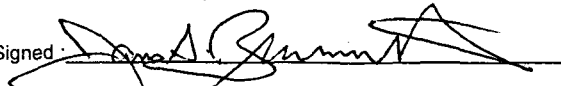
Month

MAY

Year 2000

|--|

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

Signed: 

Date: JUNE 15th, 2000

Name (Please Type) James Brunswick

Company Name Citrus County Utilities Division

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

APRIL MOR 1

Domestic Wastewater Treatment Plant Monthly Operating Report

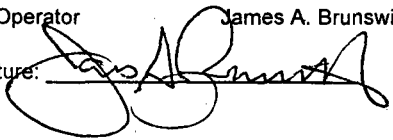
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- (1) Month APRIL Year 2000
- (2) Plant's DEP Identification Number 4009C00086
- (3) Plant Name Central Landfill Leachate Plant
- (4) Plant Address SR 44 3 Miles East Lecanto
- (5) City Lecanto
- (6) County Citrus
- (7) Phone Number (352) 746-5000
- (8) Permit Number S-009-274381
- (9) Plant Type 1-C
- (10) Test Site Identification Number N/A
- (11) Fecal Coliform Sample Method
☒ Membrane filter Most Probable Number
- (12) Type Of Effluent Disposal or Reclaimed Water Use
N/A
- (13) Limited Wet Weather Discharge Activated
Yes No ☒ Not Applicable
- (14) Cumulative Days Wet Weather Discharge N/A

Parameter	Units	Storet Code	Value
(16) Monthly average daily flow	mgd	050053	0.005
(17) Permitted capacity	mgd		0.030
(18) Three month average daily flow	mgd	--	0.006
(19) Percent of permitted capacity	%	--	18%
(20) CBOD5 Effluent	mg/L	080082	2.0
(21) CBOD5 Effluent	lbs/day	--	N/A
(22) TSS Effluent	mg/L	900201	7.2
(23) TSS Effluent	lbs/day	--	N/A
(24) Minimum pH		--	7.3
(25) Maxium pH		--	8.1
(26) Total N	mg/L	000600	4.5
(27) TKN	mg/L	000625	3.5
(28) Ammonia (NH3 - N)	mg/L	000610	0.19
(29) Nitrate	mg/L	071850	0.95
(30) Total Phosphorus	mg/L	000665	12.6
(31) Minimum Chlorine Residual	mg/L	--	0.2
(32) Maximum Chlorine Residual	mg/L	--	1.2
(33) Other Effluent Parameters			
COD	mg/L		98.75

- (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. C-8197

Month APRIL Year 2000

(352) 746-5000

D

Effluent

Cjw

**CITRUS COUNTY CENTRAL LANDFILL
LEACHATE MONITORING**

D

SAMPLE ID AND SAMPLE DATE:	I 00-200425-04	2/3/00
LEACHATE (INFLUENT - FIRST SEMI-ANNUAL REPORT)		
NOTE: RESULTS UG/L UNLESS OTHER INDICATED		
FIELD AND LABORATORY PARAMETERS:		
SPECIFIC CONDUCTIVITY umhos/cm		7000
PH, STANDARD UNITS		7.08
DISSOLVED OXYGEN, MG/L		3.0
COLORS, SHEENS (BY OBSERVATION)		Yellow
TOTAL AMMONIA-N, MG/L		310
BICARBONATE, MG/L		2500
CHLORIDES, MG/L		1400
IRON		11800
MERCURY	<	2.0
NITRATE, MG/L	<	0.05
SODIUM		616,000
TOTAL DISSOLVED SOLIDS, MG/L		5400
APPENDIX I:		
INORGANIC CONSTITUENTS:		
ANTIMONY	<	6.0
ARSENIC		43
BARIUM	<	30
BERYLLIUM	<	1.0
CADMIUM	<	1.0
CHROMIUM	<	5.0
COBALT	<	10
COPPER	<	10
LEAD	<	5.0
NICKEL		41
SELENIUM	<	5.0
SILVER	<	10.0
THALLIUM	<	2.0
VANADIUM	<	10
ZINC	<	50
APPENDIX I ORGANIC CONSTITUENTS:		
ACETONE	<	1.0
ACRYLONITRILE	<	1.0
BENZENE		2.8
BROMOCHLOROMETHANE	<	1.0
BROMODICHLOROMETHANE	<	1.0
BROMOFORM (TRIBROMOMETHANE)	<	1.0
CARBON DISULFIDE	<	1.0
CARBON TETRACHLORIDE	<	1.0
CHLOROBENZENE		1.8
CHLOROETHANE (ETHYL CHLORIDE)	<	1.0
CHLOROFORM (TRICHLOROMETHANE)	<	1.0

**CITRUS COUNTY CENTRAL LANDFILL
LEACHATE MONITORING**

SAMPLE ID AND SAMPLE DATE:	100-200425-04	2/3/00
LEACHATE INFLUENT - FIRST SEMI-ANNUAL REPORT		
NOTE: RESULTS UG/L UNLESS OTHER INDICATED		
APPENDIX I		
ORGANIC CONSTITUENTS CONTINUED:		
DIBROMOCHLOROMETHANE (CHLORODIBROMOMETHANE)	<	1.0
1,2-DIBROMO-3-CHLOROPROPANE: DBCP	<	1.0
1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) ; EDB	<	1.0
O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	<	1.0
P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)		12.5
TRANS-1,4-DICHLORO-2-BUTENE	<	1.0
1,1-DICHLOROETHANE (ETHYLENE CHLORIDE)	<	1.0
1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	<	1.0
1,1-DICHLOROETHYLENE (1,1-DICHLOROETHENE/VINYLDENE CHLORIDE)	<	1.0
CIS-1,2-DICHLOROETHYLENE (CIS-1, 2-DICHLOROETHENE)	<	1.0
TRANS-1,2-DICHLOROETHYLENE (TRANS-1,2-DICHLOROETHENE)	<	1.0
1,2-DICHLOROPROPANE (PROPYLENE DICHLORIDE)	<	1.0
CIS-1, 3-DICHLOROPROPENE	<	1.0
TRANS-1,3-DICHLOROPROPENE	<	1.0
ETHYLBENZENE		40
2-HEXANONE (METHYL BUTYL KETONE)	<	1.0
METHYL BROMIDE (BROMOMETHANE)	<	1.0
METHYL CHLORIDE (CHLOROMETHANE)	<	1.0
METHYLENE BROMIDE (DIBROMOMETHANE)	<	1.0
METHYLENE CHLORIDE (DICHLOROMETHANE)	<	1.0
METHYL ETHYL KETONE (MEK; 2-BUTANONE)	<	1.0
METHYL IODIDE (IODOMETHANE)	<	1.0
4-METHYL-2-PENTANONE (METHYL ISOBUTYL KETONE)	<	1.0
STYRENE	<	1.0
1,1,1,2-TETRACHLOROETHANE	<	1.0
1,1,1,2,2-TETRACHLOROETHANE	<	1.0
TETRACHLOROETHYLENE (TETRACHLOROETHENE AKA/ (PERCHLOROETHYLENE)	<	1.0
TOLUENE	<	1.0
1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	<	1.0
1,1,2-TRICHLOROETHANE	<	1.0
TRICHLOROETHYLENE (TRICHLOROETHENE)	<	1.0
TRICHLOROFLUOROMETHANE (CFC-11)	<	1.0
1,2,3-TRICHLOROPROPANE	<	1.0
VINYL ACETATE	<	1.0
VINYL CHLORIDE	<	1.0
XYLENES		32.3
cjw		



Advanced
Environmental Laboratories, Inc.

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

Client: Citrus County Landfill

Project Name: Landfill

Project No.:

Report No.: T200425

Date Sampled: 2/03/99

Date Submitted: 2/03/99

Date Reported: 02/21/00

Address: P.O. Box 1064
New Port Richey, FL 34656

Project Chemist: Michael Cammartara

Attention: Susie Metcalfe

Sample Description

The following water samples were submitted by Citrus County Landfill on 2/03/99 for analysis Outlined on the Chain of Custody:

RECEIVED
FEB 25 2000

Project Name: Landfill

1. MW-2 Well @ 1000
2. MW-6 Well @ 1330
3. MW-7 Well @ 1235
4. Influent @ 1402 *Leachate*
5. Trip Blank

Approved by:

Michael Cammartara, Lab Manager

Advanced Environmental Laboratories, Inc.

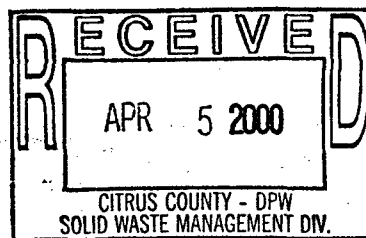
Analytical Report

Client: Citrus County Landfill
 Project No: GMS #4009C00086
 Matrix: Wastewater
 Groundwater Classification: GII
 Facility No.: GMS #4009C00086
 Test Site ID: 001
 Sample ID: Leachate Influent
 Lab ID: T200425-04

(CTRL-ACT-7)

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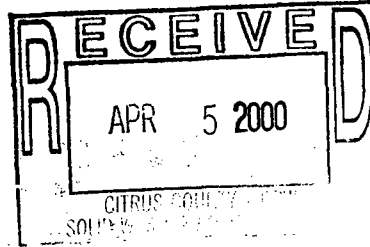
Report No.: T200425
 Date/Time Sampled: 02/03/00@1402
 Date/Time Submitted: 02/03/00@1820
 Date Reported: 2/15/00
 Total Pages: 3
 Date Ammended: 3/27/00
 Well Type: Other : Leachate
 Report Period: First Semi-Annual

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y/N)	Date/Time Prepared	Analysis Date/Time	Prep/Analysis Method	PRDL	Dilution Factor	Analysis Result	Units
N/A	Specific Conductivity	G	N	N/A	02/03/00@1000	120.1	0.1	N/A	7000	umohs/cm
00400	pH	G	N	N/A	02/03/00@1000	150.1	N/A	N/A	7.08	Units
00299	Dissolved Oxygen	G	N	N/A	02/03/00@1000	360.1	1.0	N/A	3.0	mg/L
N/A	Colors and Sheens	G	N	N/A	02/03/00@1000	110.2	N/A	N/A	Yellow	NA
N/A	Total Dissolved Solids	G	N	2/9/00	2/9/00	160.1	2	1	5400	mg/L
00620	Nitrate	G	N	02/04/00@1825	02/04/00@1825	4500NO3F	0.05	1	U	mg/L
00610	Total Ammonia-N	G	N	2/8/00	2/8/00	4500NO3F	0.02	1	310	mg/L
00940	Chloride	G	N	2/9/00	2/9/00	325.3	1.0	1	1400	mg/L
00440	Bicarbonate	G	N	9/27/99	9/27/99	310.1	5	1	2500	mg/l
01097	Antimony	G	N	2/8/00	2/8/00	204.2	6	1	U	ug/L
01002	Arsenic	G	N	2/7/00	2/7/00	206.2	5	1	43	ug/L
01007	Barium	G	N	2/7/00	2/7/00	208.1	10	1	30	ug/L
01012	Beryllium	G	N	2/7/00	2/7/00	210.1	1	1	U	ug/L
01027	Cadmium	G	N	2/7/00	2/7/00	213.2	1	1	U	ug/L
01034	Chromium	G	N	2/7/00	2/7/00	218.2	5	1	U	ug/L
01037	Cobalt	G	N	2/7/00	2/7/00	219.2	10	1	U	ug/L
01042	Copper	G	N	2/7/00	2/7/00	220.1	10	1	U	ug/L
01045	Iron	G	N	2/7/00	2/7/00	200.7	50	1	11800	ug/L
01051	Lead	G	N	2/7/00	2/7/00	239.2	5	1	U	ug/L
71900	Mercury	G	N	2/7/00	2/7/00	245.1	2	1	U	ug/L
01067	Nickel	G	N	2/7/00	2/7/00	249.1	10	1	41	ug/L
01147	Selenium	G	N	2/7/00	2/7/00	272.1	5	1	U	ug/L
01077	Silver	G	N	2/7/00	2/7/00	272.1	10	1	U	ug/L
00929	Sodium	G	N	2/7/00	2/7/00	200.7	100000	1	616000	ug/L
01059	Thallium	G	N	2/7/00	2/7/00	279.2	2	1	U	ug/L
N/A	Tin	G	N	2/7/00	2/7/00	282.1	50	1	U	ug/L
01092	Zinc	G	N	2/7/00	2/7/00	289.1	50	1	U	ug/L
77651	Ethylene Dibromide	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L

PRDL- Project Detection Limit
 U- Not detected above the MRL

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Citrus County Landfill
Project No: GMS #4009C00086
Matrix: Wastewater
Groundwater Classification: GII
Facility No.: GMS #4009C00086
Test Site ID: 001
Sample ID: Leachate Influent
Lab ID: T200425-04



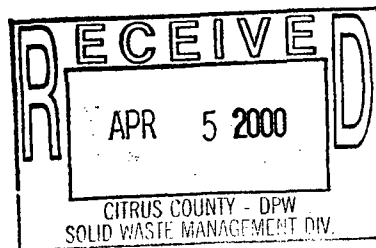
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Date/Time Sampled: 02/03/00@1402
Date/Time Submitted: 02/03/00@1820
Date Reported: 2/15/00
Total Pages: 3
Date Ammended: 3/27/00
Well Type: Other : Leachate
Report Period: First Semi-Annual

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y/N)	Date/Time Prepared	Analysis Date/Time	Prep/Analysis Method	PRDL	Dilution Factor	Analysis Result	Units
77562	1,1,1,2-Tetrachloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34506	1,1,1-Trichloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34516	1,1,2,2-Tetrachloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34511	1,1,2-Trichloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34496	1,1-Dichloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34501	1,1-Dichloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
77443	1,2,3-Trichloropropane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
38760	1,2-Dibromo-3-chloropropane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34536	1,2-Dichlorobenzene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34531	1,2-Dichloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34541	1,2-Dichloropropane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34571	1,4-Dichlorobenzene	G	N	2/10/00	2/10/00	5030/8260	1	1	12.5	ug/L
77103	2-Hexanone	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
81552	Acetone	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34215	Acrylonitrile	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
78124	Benzene	G	N	2/10/00	2/10/00	5030/8260	1	1	2.8	ug/L
73085	Bromochloromethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
32101	Bromodichloromethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
32104	Bromoform	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
N/A	Bromomethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
77041	Carbon disulfide	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
32102	Carbon Tetrachloride	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34301	Chlorobenzene	G	N	2/10/00	2/10/00	5030/8260	1	1	1.8	ug/L
34311	Chloroethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
32106	Chloroform	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34418	Chloromethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
81686	cis-1,2-Dichloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34704	cis-1,3-Dichloropropene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L

PRDL- Project Detection Limit
U- Not detected above the MRL

Advanced Environmental Laboratories, Inc.
Analytical Report

Client: Citrus County Landfill
Project No: GMS #4009C00086
Matrix: Wastewater
Groundwater Classification: GII
Facility No.: GMS #4009C00086
Test Site ID: 001
Sample ID: Leachate Influent
Lab ID: T200425-04



Report No.: T200425
Date/Time Sampled: 02/03/00@1402
Date/Time Submitted: 02/03/00@1820
Date Reported: 2/15/00
Total Pages: 3
Date Ammended: 3/27/00
Well Type: Other : Leachate
Report Period: First Semi-Annual

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y/N)	Date/Time Prepared	Analysis Date/Time	Prep/Analysis Method	PRDL	Dilution Factor	Analysis Result	Units
	Dibromomethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
32105	Dibromochloromethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34371	Ethylbenzene	G	N	2/10/00	2/10/00	5030/8260	1	1	40	ug/L
81595	Methyl ethyl ketone	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
78133	Methyl isobutyl ketone	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34423	Methylene Chloride	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
77128	Styrene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34475	Tetrachloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
78131	Toluene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34546	trans-1,2-Dichloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34699	trans-1,3-Dichloropropene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
77268	trans-1,4-Dichloro-2-butene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
39180	Trichloroethene	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
34488	Trichlorofluoromethane	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
77057	Vinyl acetate	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
39175	Vinyl chloride	G	N	2/10/00	2/10/00	5030/8260	1	1	U	ug/L
81551	Xylenes, total	G	N	2/10/00	2/10/00	5030/8260	2	1	32.3	ug/L

PRDL- Project Detection Limit
U- Not detected above the MRL



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JOB NUMBER T200425

CLIENT NAME: <u>Citrus County Landfill</u>		PROJECT NAME: <u>Semi Annual Monitoring Wells</u>		PRESERVATIVE <u>1</u> <u>1W₀₃</u> <u>15304</u> <u>HCC</u> <u>1</u>
ADDRESS: <u>on File</u>		P.O. NUMBER / PROJECT NUMBER:		
PHONE: FAX:		PROJECT LOCATION:		
CONTACT:		SAMPLED BY: <u>Corey A. Whitney</u>		
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS:		ANALYSIS COMMENTS <u>Cl, NO₃, TDS</u> <u>Fe, H₂, NO₃, NH₄, I met</u> <u>Total NH₄</u> <u>8260</u> <u>Bioth, OC, TDS, NO₃</u>
☒ STANDARD ☐ VERBAL				
☐ RUSH ☐ FAX				
☐ OTHER ☐ HARD COPY				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.						LAB USE
		DATE	TIME			1	1	1	2	1	
MW-2		02/03/00	1000	GW	4	X	X	X	X		- 1
MW-6		02/03/00	1330	GW	4	X	X	X	X		- 2
MW-7		02/03/00	1235	GW	4	X	X	X	X		- 3
Influent		02/03/00	1402	WW	4		X	X	X	X	- 4
Trip Blank		02/03/00	—	—	2				X		- 5

GW—Groundwater	SW—Surface Water	DW—Drinking Water	WW—Waste Water	SO—Solid/Soil	SL—Sludge	HW—Hazardous Waste	A—Air	
FIELD PARAMETERS / COMMENTS:				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1	<u>[Signature]</u>	<u>[Signature]</u>	02/03/00	1810
				2	<u>[Signature]</u>	<u>[Signature]</u>	02/03/00	1820
				3	<u>[Signature]</u>	<u>[Signature]</u>	02/03/00	1820
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <u>Sampled</u>				

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

GROUND WATER SAMPLING FIELD LOG

Influent

SAMPLE LOCATION: Citrus County Landfill
 LAB ID#: _____
 WELL#: Influent WELL SIZE: _____ SAMPLING METHOD: bailey
 SAMPLER: _____ DATE/TIME SAMPLED: 02/03/00 @ 1402
 WEATHER: (clear cloudy rainy drizzle) TEMPERATURE: (hot cold moderate)

A: WATER TABLE

(type of well casing: PVC / metal / other: _____)

Well depth below top of casing (TOC): _____ ft.

Depth of water table below top of casing (bTOC) (-) _____ ft.

Length of water casing (LWC) (=) _____ ft.

ONE Total volume of water in well :

2" dia. well = $2 \times 0.163 \times \text{LWC} =$ _____ GAL.4" dia. well = $4 \times 0.653 \times \text{LWC} =$ _____ GAL.6" dia. well = $6 \times 1.469 \times \text{LWC} =$ _____ GAL.

One volume	X2	X3
	2 VOL	3 VOL

B: PREPARATION OF WELL SAMPLING

Amount of water purged before sampling:

_____ GAL. = _____ gpm X _____ minutes

C: PHYSICAL APPEARANCE AT START

color: _____ Odor: _____ Turbid: (Y / N / slight)

Was there an oily film or layer apparent? (Yes / No)

D: CONDITIONS DURING PURGING

Did well go dry? (Yes / No)

If yes;

What was the purge time: _____ minutes

What was the purge volume: _____ GAL.

How long did well recharge before sampling: _____ minutes

E: PHYSICAL APPEARANCE PRIOR TO SAMPLING

color: yellow Odor: yes Turbid: (Yes / No / slight)

F: SAMPLING

(circle applicable values)

1: Conductivity (uS/cm)	<u>7170</u>	standardized with:	<u>1113</u> <u>84</u> <u>168</u> <u>1160</u>
2: pH	<u>7.08</u>	standardized with:	<u>4.0</u> <u>7.0</u> <u>10.8</u>
3: Temperature (°C)	<u>25.6</u>	standardized with:	<u>0</u> <u>100</u>
4: Turbidity (NTU)	<u>518</u>	standardized with:	<u>DIH</u> <u>0</u> <u>5</u> <u>10</u>
4A: If turbidity averages above 5 NTU, filtered value is recorded here: _____			
5: D.O. (ppm)	<u>3.0</u>	standardized with:	<u>0%</u> <u>100%</u>

Well sampling notes: _____



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FAX (813) 630-4327

<CTRL-SHIFT-E>

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

Effluent
w/175

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/28/00@0800
P.O. Number
Sample Pickup: 6/28/00@0800
Lab Custody Date: 6/28/00@1200
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.) ⁷⁰⁰⁸²	<2	U	T002564	mg/l	SM5210B	2	6/29/00@0800	JBH
TSS(Eff.)	<1	U	T002564	mg/l	160.2	1	6/29/00	DMC
COD	47		T002564	mg/l	410.1	20	6/29/00	JBH
Ammonia	0.067		T002564	mg/l	350.1	0.05	6/28/00	DMC
Nitrate	0.28		T002564	mg/l	4500NO3F	0.05	6/29/00@0902	DMC
TN	1.5		T002564	mg/l	351.2, 4500NO3F	0.05	7/3/00	MLC
TKN	1.2		T002564	mg/l	351.2	0.02	7/3/00	MLC
TP	3.1		T002564	mg/l	365.4	0.02	7/3/00	MLC
Fecal	<1	U	T002564	CFU/100ml	SM9222D	1	6/28/00@1315	TMH
Total Chlorine(Lf)	3.07		T002564	mg/l	SM4500CLD	0.1	6/28/00	DNB
PH	7.2		T002564	units	150.1	1	6/28/00	JBH

Approved by:

Michael Cammarata, Laboratory Manager



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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/21/00@0800
P.O. Number
Sample Pickup: 6/21/00@0800
Lab Custody Date: 6/21/00@1100
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

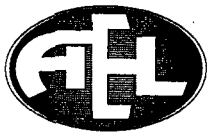
W/175

COMMENTS:

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2.4		T002438	mg/l	SM5210B	2	6/22/00@0900	JBH
TSS(Eff.)	4		T002438	mg/l	160.2	1	6/22/00	DMC
COD	74		T002438	mg/l	410.1	20	6/22/00	JBH
Ammonia	0.051		T002438	mg/l	350.1	0.05	6/21/00	DMC
Nitrate	0.54		T002438	mg/l	4500NO3F	0.05	6/21/00	DMC
TN	2.7		T002438	mg/l	351.2, 4500NO3F	0.05	6/21/00@1114	DMC
TKN	2.1		T002438	mg/l	351.2	0.02	6/22/00	DMC
TP	3.3		T002438	mg/l	365.4	0.02	6/22/00	DMC
Fecal	<1	U	T002438	CFU/100ml	SM9222D	1	6/21/00@1345	TMH
Total Chlorine(Eff)	2.13		T002438	mg/l	SM4500CLD	0.1	6/22/00	DNB
PH	7.7		T002438	units	150.1	1	6/22/00	JBH

Approved by:

Michael Cammarata, Laboratory Manager

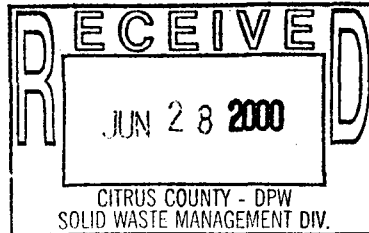


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FAX (813) 630-4327

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

W
175



Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 6/14/00@0800
P.O. Number
Sample Pickup: 6/14/00@0800
Lab Custody Date: 6/14/00@1215
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: EC-002313
00-6-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2.4		T002313	mg/l	SM5210B	2	6/15/00@1600	JBH
TSS(Eff.)	2		T002313	mg/l	160.2	1	6/15/00	DMC
COD	77.8		T002313	mg/l	410.1	20	6/15/00	JBH
Ammonia	0.067		T002313	mg/l	350.1	0.05	6/15/00	DMC
Nitrate	0.46		T002313	mg/l	4500NO3F	0.05	6/14/00@1647	DMC
TN	2.97		T002313	mg/l	351.2,4500NO3F	0.05	6/16/00	DMC
TKN	2.5		T002313	mg/l	351.2	0.02	6/16/00	DMC
TP	4.9		T002313	mg/l	365.4	0.02	6/16/00	DMC
Fecal	24		T002313	CFU/100ml	SM9222D	1	6/14/00@1400	TMH
Total Chlorine(Eff)	<.01	U	T002313	mg/l	SM4500CLD	0.1	6/15/00	DNB
PH	8		T002313	units	150.1	1	6/14/00	JBH

Approved by: 
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER

2313

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1 1 120 120 H2SO4 BAY ANALYSIS REQUIRED
ADDRESS: 240 GULF TOWAY HWY		P.O. NUMBER / PROJECT NUMBER:		
LACANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:	SAMPLED BY: J Edenfield		
CONTACT: Jim BRUNSWICK		TURN AROUND TIME or RESULTS DUE BY:		LAB USE
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY		
SPECIAL INSTRUCTIONS: pH 8.0 temp 27°C				

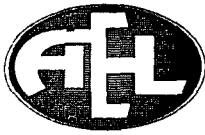
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	Eff Leachate	6/14/00	0800	WW	4	X	X	X	X



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

FIELD PARAMETERS / COMMENTS:	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	<i>[Signature]</i>	<i>[Signature]</i>	6/14/00	0800
	2	<i>[Signature]</i>	<i>[Signature]</i>	6/14/00	1215
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA:	4		

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



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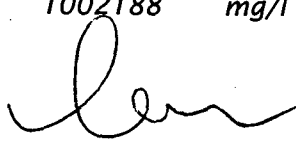
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

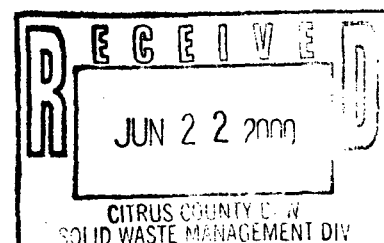
Field Custody: Client
Client/Field ID: Citrus County
Matrix: ~~Wastewater~~
Sample Collection: 6/7/00@0800
P.O. Number
Sample Pickup: 6/7/00@0800
Lab Custody Date: 6/7/00@1205
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: 00-6-1
E 00-002188
Leachate

W 175

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2		T002188	mg/l	SM5210B	2	6/9/00@1830	JBH
TSS(Eff.)	7		T002188	mg/l	160.2	1	6/9/00	DMC
COD	107		T002188	mg/l	410.1	20	6/8/00	JBH
Ammonia	<.02	U	T002188	mg/l	350.1	0.05	6/15/00	DMC
Nitrate	0.59		T002188	mg/l	4500NO3F	0.05	6/7/00/@1612	DMC
TN	3		T002188	mg/l	351.2,4500NO3F	0.05	6/7/00	DMC
TKN	2.4		T002188	mg/l	351.2	0.02	6/16/00	DMC
TP	6.2		T002188	mg/l	365.4	0.02	6/16/00	DMC
Fecal	<1	U	T002188	CFU/100ml	SM9222D	1	6/7/00@1330	MLC
Total Chlorine(Eff)	0.34		T002188	mg/l	SM4500CLD	0.1	6/9/00	DNB
PH	7.8		T002188	mg/l	150.1	0.1	6/9/00	JBH

Approved by: 
Michael Cammarata, Laboratory Manager





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JOB NUMBER

7002188

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1 1 1 120 H2SO4
ADDRESS: 240 BLUE TOWNSHIP HWY		P.O. NUMBER / PROJECT NUMBER:		
LANCANTO FLA		PROJECT LOCATION:		
PHONE:	FAX:	SAMPLED BY:		
CONTACT: Jim BRUNSWICK		SPECIAL INSTRUCTIONS: PH 7.8 27°C		ANALYSIS CROOD TSS FC NO3 TP TN COD NH3 120 H2SO4
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY				

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	GEE Leachate	6/7/00	0800	WW	4	X	X	X	X						-1

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

FIELD PARAMETERS / COMMENTS: Pickup				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1	<i>Jim Brunswick</i>	<i>Gladhill</i>	6/7/00	0800
				2	<i>Gladhill</i>	<i>Gladhill</i>	6/7/00	12:05
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO				ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>U</i>		

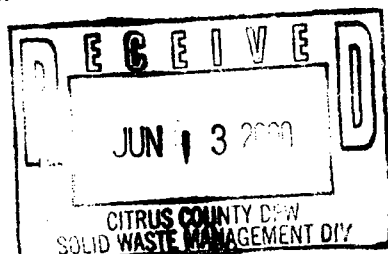
DISTRIBUTION: White—Client Conv Yellow—Lab Conv Pink—Sample Conv



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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



W175

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/31/00@0815
P.O. Number
Sample Pickup: 5/31/00@0815
Lab Custody Date: 5/31/00@1100
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: E00-002089
00-5-5
Leachate

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	T002089	mg/l	SM5210B	2	5/31/00@1125	JBH
TSS(Eff.)	3		T002089	mg/l	160.2	1	6/1/00	DMC
COD	54		T002089	mg/l	410.1	20	6/1/00	JBH
Nitrate	13		T002089	mg/l	4500NO3F	0.05	6/1/00@1439	DMC
Ammonia	0.26		T002089	mg/l	350.1	0.02	6/7/00	DMC
TN	16		T002089	mg/l	351.2, 4500NO3F	0.05	6/1/00	DMC
TKN	2.7		T002089	mg/l	351.2	0.02	6/1/00	DMC
TP	5.8		T002089	mg/l	365.4	0.02	6/1/00	DMC
Fecal	16		T002089	CFU/100ml	SM9222D	1	5/31/00@1350	DMC
Total Chlorine(Eff)	0.12		T002089	mg/l	SM4500CLD	0.1	5/31/00	DMC
PH	7.1		T002089	units	150.1	1	5/31/00	DMC

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

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JOB NUMBER **1002089**

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 240 GULF TO WAY HWY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LACANTO FLA	PROJECT LOCATION:	2 GAL 120 20 HES04 BAG
PHONE: FAX:	SAMPLED BY: J. Edmonfield	ANALYSIS REQUIRED
CONTACT: Jim Brunswick	SPECIAL INSTRUCTIONS: PH 7.1 Temp 25°C	C/Bod TSS NO3 TN TP COD NH3 FC
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		LAB USE

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	Eff Leachate	5/31/00	0815	WW	4	X	X	X	X						

* GW—Groundwater	SW—Surface Water	DW—Drinking Water	WW—Waste Water	SO—Solid/Soil	SL—Sludge	HW—Hazardous Waste	A—Air	
FIELD PARAMETERS / COMMENTS: Pickup				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1	James A. Brunswick	Edmonfield	5/31/00	0815
				2	Edmonfield	Nicole Buchanan	5/31/00	1100
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO								
ON ICE/4°C ☒ YES ☐ NO								
SHIPPED VIA: Jim				4				

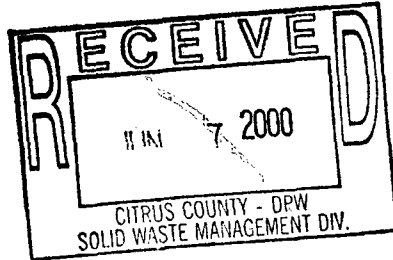
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FAX (813) 630-4327

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



Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/24/00@0800
P.O. Number
Sample Pickup: 5/24/00@0800
Lab Custody Date: 5/24/00@1150
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: EC-201996
00-5-4
Reschate

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	T201996	mg/l	SM5210B	2	5/24/00@1530	JBH
TSS(Eff.)	2		T201996	mg/l	160.2	1	5/25/00	DMC
COD	85.2		T201996	mg/l	410.1	20	5/24/00	DMC
Ammonia	0.1		T201996	mg/l	350.1	0.05	5/25/00	DMC
Nitrate	0.12		T201996	mg/l	4500NO3F	0.05	5/24/00@1658	DMC
TN	2.7		T201996	mg/l	351.2,4500NO3F	0.05	5/24/00	DMC
TKN	2.6		T201996	mg/l	351.2	0.02	5/26/00	DMC
TP	6.5		T201996	mg/l	365.4	0.02	5/26/00	DMC
Fecal	<1	U	T201996	CFU/100ml	SM9222D	1	5/24/00@1300	TMH
Total Chlorine(Eff)	0.72		T201996	mg/l	SM4500CLD	0.1	5/24/00	DMC
PH	7.4		T201996	units	150.1	1	5/24/00	JBH

Approved by:
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER

201996

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE 1 1 120 120 H2SO4 ANALYSIS REQUIRED CBOD TSS NO3 TN+P COD NH3 FC LAB USE
ADDRESS: 240 GOLF TO WAY HWY	P.O. NUMBER / PROJECT NUMBER:	
LACANTO FLA	PROJECT LOCATION:	
PHONE: FAX:		
CONTACT: Jim BRUNSWICK	SAMPLED BY: J Edmield	
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: PH 7.4 temp 27°C	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.										
		DATE	TIME												
	EFC Leach Ade	5/21/00	0800	WW	4	X	X	X	X						

* GW—Groundwater

SW—Surface Water

DW—Drinking Water

WW—Waste Water

SO—Solid/Soil

SL—Sludge

HW—Hazardous Waste

A—Air

FIELD PARAMETERS / COMMENTS:

CONTAINERS/SEALS INTACT ☐ YES ☐ NO	ON ICE/4°C ☐ YES ☐ NO	SHIPPED VIA: Pickup	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
			1	Jim Brunswick	J Edmield	5/21/00	0800
			2	J Edmield	J Edmield	5/24/00	1150
			3				
			4				

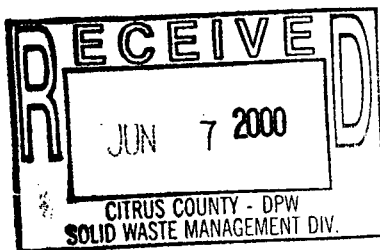
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FAX (813) 630-4327

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P.O. Box 340
Lecanto, FL 34460



Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/17/00@0800
P.O. Number
Sample Pickup: 5/17/00@0800
Lab Custody Date: 5/17/00@1200
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: E00-201894

00-5-3
Leachate

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	T201894	mg/l	SM5210B	2	5/18/00@1000	JBH
TSS(Eff.)	6		T201894	mg/l	160.2	1	5/19/00	DMC
COD	83.8		T201894	mg/l	410.1	20	5/17/00	DMC
Ammonia	0.38		T201894	mg/l	350.1	0.05	5/18/00	DMC
Nitrate	0.25		T201894	mg/l	4500NO3F	0.05	5/17/00@1304	MLC
TN	3.5		T201894	mg/l	351.2,4500NO3F	0.05	5/17/00	DMC
TKN	3.2		T201894	mg/l	351.2	0.02	5/18/00	DMC
TP	9		T201894	mg/l	365.4	0.02	5/26/00	DMC
Fecal	13		T201894	CFU/100ml	SM9222D	1	5/17/00@1315	TMH
Total Chlorine(Eff)	0.33		T201894	mg/l	SM4500CLD	0.1	5/18/00	DMC
PH	7.4		T201894	units	150.1	1	5/17/00	JBH

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER T201894

CLIENT NAME: <u>CITRUS County Landfill</u>	PROJECT NAME:	PRESERVATIVE <u>1</u>
ADDRESS: <u>240 GULF TO WAY Hwy</u>	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE <u>120</u>
<u>LANCANTO FLA</u>	PROJECT LOCATION:	<u>120 H2SO4</u>
PHONE: FAX:	SAMPLED BY: <u>J Edenfield</u>	<u>BAG</u>
CONTACT:	SPECIAL INSTRUCTIONS: <u>PH 7.4</u> <u>Temp 26°C</u>	<u>CBod RES</u> <u>NO3</u> <u>TN TP NH43 COD</u> <u>FC</u>
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		LAB USE

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	<u>Eff Leach Ade</u>	<u>5/17/00</u>	<u>0800</u>	<u>ww</u>	<u>4</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

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

FIELD PARAMETERS / COMMENTS:	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	<u>[Signature]</u>	<u>[Signature]</u>	<u>5/17/00</u>	<u>0800</u>
	2	<u>[Signature]</u>	<u>[Signature]</u>	<u>5/17/00</u>	<u>1200</u>
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		SHIPPED VIA: <u>Pick up</u>			

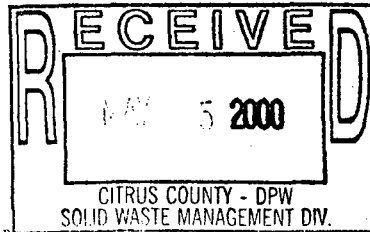


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Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/10/00@0830
P.O. Number
Sample Pickup: 5/10/00@0830
Lab Custody Date: 5/10/00@1300
DOH Certification: 84549,E84589
DEP/Comqap#: 980174



COMMENTS: E60-201783
Leachate
00-5-2

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	T201783	mg/l	SM5210B	2	5/12/00@0645	JBH
TSS(Eff.)	6		T201783	mg/l	160.2	1	5/11/00	DMC
COD	75.7		T201783	mg/l	410.1	20	5/17/00	DMC
Ammonia	0.1		T201783	mg/l	350.1	0.05	5/10/00	DMC
Nitrate	0.15		T201783	mg/l	4500NO3F	0.05	5/11/00@0736	DMC
TN	2.3		T201783	mg/l	351.2,4500NO3F	0.05	5/11/00	DMC
TKN	2.1		T201783	mg/l	351.2	0.02	5/11/00	DMC
TP	8		T201783	mg/l	365.4	0.02	5/11/00	DMC
Fecal	<1	U	T201783	CFU/100ml	SM9222D	1	5/10/00@1615	TMH
Total Chlorine(Eff)	1.2		T201783	mg/l	SM4500CLD	0.1	5/10/00	DMC
PH	7.3		T201783	units	150.1	1	5/10/00	DMC

Approved by:
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER
201783

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 6ac - 1 120 H2SO4 RO ANALYSIS REQUIRED C/Sed TSS TN TP NH3 COD NO3 EC	
ADDRESS: 240 RULSTOWAY HWY		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE
LACANTO FLA		PROJECT LOCATION:			
PHONE: FAX:		SAMPLED BY: J. Edonfield			
CONTACT: Jim BRUNSWICK		TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: pH 7.3 Temp 25°C	
☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		LAB USE:			

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	Eff Leach Ade	5/10/00	0830	WW	4	X	X	X	X				

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

FIELD PARAMETERS / COMMENTS: Pickup				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:	
				1	<i>[Signature]</i>	<i>[Signature]</i>	5/10/00	0830	
				2	<i>[Signature]</i>	<i>[Signature]</i>	5/10/00	1300	
				3					
CONTAINERS/SEALS INTACT ☒ YES ☐ NO				ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>[Signature]</i>			

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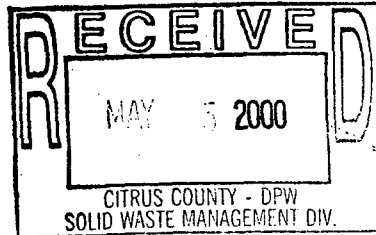


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Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 5/3/00@0800
P.O. Number
Sample Pickup: 5/3/00@0800
Lab Custody Date: 5/3/00@1245
DOH Certification: 84549, E84589
DEP/Comqap#: 980174



W/TS

COMMENTS: E00-201666

Leachate

00-5-1

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	T201666	mg/l	SM5210B	2	5/5/00@0750	JBH
TSS(Eff.)	<1	U	T201666	mg/l	160.2	1	5/4/00	DMC
COD	87.7		T201666	mg/l	410.1	20	5/5/00	DMC
Ammonia	0.18		T201666	mg/l	350.1	0.05	5/3/00	DMC
Nitrate	0.74		T201666	mg/l	4500NO3F	0.05	5/4/00@0941	DMC
TN	3.4		T201666	mg/l	351.2, 4500NO3F	0.05	5/4/00	DMC
TKN	2.7		T201666	mg/l	351.2	0.02	5/11/00	DMC
TP	8.8		T201666	mg/l	365.4	0.02	5/11/00	DMC
Fecal	<1	U	T201666	CFU/100ml	SM9222D	1	5/3/00@1400	TMH
Total Chlorine(Eff)	1.6		T201666	mg/l	SM4500CLD	0.1	5/3/00	DMC
PH	6.9		T201666	units	150.1	1	5/3/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER

201666

CLIENT NAME: CIT RUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE 1 1 14250
ADDRESS: 240 GOLF TOWAY HWY LECANTO FLA 34460	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE 2 gal 120 120 3 gal
PHONE: FAX:	PROJECT LOCATION:	ANALYSIS COMPLETED CBal TSS P203 TN TP COD NH3 FEC
CONTACT:	SAMPLED BY: J Edenfield	LAB USE
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY	SPECIAL INSTRUCTIONS: temp 20.0 PH 6.95	

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.								
		DATE	TIME										
	CEE Leachate	5/3/00	0800	WW	4	X	X	X	X				

* GW—Groundwater

SW—Surface Water

DW—Drinking Water

WW—Waste Water

SO—Solid/Soil

SL—Sludge

HW—Hazardous Waste

A—Air

FIELD PARAMETERS / COMMENTS: Pick up J. Edenfield	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	Dan Chalkley	J. Edenfield	5/3/00	0800
	2	J. Edenfield	J. Edenfield	5/3/00	1245
	3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO	ON ICE/4°C ☒ YES ☐ NO	SHIPPER VIA J. Edenfield			

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 04/26/00@0800
P.O. Number
Sample Pickup: 04/26/00@0800
Lab Custody Date: 04/26/00@1130
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: EC-201563
00-4-5

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2		T201563	mg/l	SM5210B	2	04/27/00@1300	JBH
TSS(Eff.)	3		T201563	mg/l	160.2	1	5/1/00	DMC
COD	76		T201563	mg/l	410.1	20	4/27/00	JBH
Ammonia	0.4		T201563	mg/l	350.1	0.05	5/3/00	DMC
Nitrate	0.44		T201563	mg/l	4500NO3F	0.05	04/26/00@1441	DMC
TN	4		T201563	mg/l	351.2,4500NO3F	0.05	4/26/00	DMC
TKN	3.6		T201563	mg/l	351.2	0.02	5/3/00	DMC
TP	14		T201563	mg/l	365.4	0.02	5/3/00	DMC
Fecal	<1	U	T201563	CFU/100m.	SM9222D	1	04/26/00@1210	TMH
Total Chlorine(Eff)	0.74		T201563	mg/l	SM4500CLD	0.1	4/27/00	DMC
PH	7.5		T201563	units	150.1	1	4/26/00	JAE

Approved by: 
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER

T20486

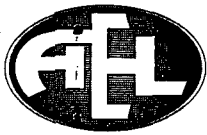
CLIENT NAME: Citrus		PROJECT NAME:		PRESERVATIVE	CONTAINER SIZE AND TYPE	ANALYSES REQUESTED	LAB USE
ADDRESS: 640 Gulf to Way Hwy		P.O. NUMBER / PROJECT NUMBER:					
Lecato, FL		PROJECT LOCATION:					
PHONE:	FAX:	SAMPLED BY:					
CONTACT:		SPECIAL INSTRUCTIONS:					
TURN AROUND TIME or RESULTS DUE BY:							
☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY							

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.	1	1	1	1				
		DATE	TIME										
	Effluent	4/19/04	1210	WW	4	X	X	X	X				

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

FIELD PARAMETERS / COMMENTS: pH = 7.81 temp = 23.6				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
				1	<i>[Signature]</i>	<i>[Signature]</i>	4/19/04	1210
				2	<i>[Signature]</i>	<i>[Signature]</i>	4/19/04	1315
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO				ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>Sampled</i>		

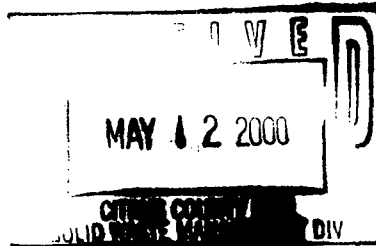
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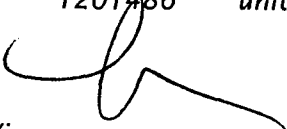
Client: Citrus County Central Landfill
P.O. Box 340
Lecanto, FL 34460



Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 4/19/00@1210
P.O. Number
Sample Pickup: 4/19/00@1210
Lab Custody Date: 4/19/00@1355
DOH Certification: 84549,E84589
DEP/Comqap#: 980174

COMMENTS: Ammended Report on 05/10/00
E 00-201486 0044

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	T201486	mg/l	SM5210B	2	4/20/00@0800	JBH
TSS(Eff.)	<1	U	T201486	mg/l	160.2	1	4/20/00	MLC
COD	93		T201486	mg/l	410.1	20	4/27/00	JBH
Ammonia	0.11		T201486	mg/l	350.1	0.05	4/25/00	DMC
Nitrate	0.5		T201486	mg/l	4500NO3F	0.05	4/20/00@1425	DMC
TN	4		T201486	mg/l	351.2,4500NO3F	0.05	4/20/00	DMC
TKN	3.5		T201486	mg/l	351.2	0.02	4/20/00	DMC
TP	11		T201486	mg/l	365.4	0.02	4/27/00	DMC
Fecal	<1	U	T201486	CFU/100ml	SM9222D	1	4/19/00@1400	DMC
Total Chlorine(Eff)	0.5		T201486	mg/l	SM4500CLD	0.1	4/19/00	DMC
PH	7.81		T201486	units	150.1	1	4/19/00	JBH

Approved by: 
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER
T201563

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1 120 142504 120 BAS
ADDRESS: 240 GULETOWAY Hwy LANCANTO FLA 34460		P.O. NUMBER / PROJECT NUMBER:		
PHONE: FAX:		PROJECT LOCATION:		
CONTACT: Jim Brunsvick		SAMPLED BY: J Edenfield		
TURN AROUND TIME or RESULTS DUE BY: ☐ STANDARD ☐ VERBAL ☐ RUSH ☐ FAX ☐ OTHER ☐ HARD COPY		SPECIAL INSTRUCTIONS: pH 7.5 Temp 23°C		ANALYSIS REQUIRED - REMOVED

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.	LAB USE							
		DATE	TIME										
EFF	Leachate	4/26/00	0800	WW	4	X	X	X	X				

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

FIELD PARAMETERS / COMMENTS: Pickup	TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
	1	Jim Brunsvick	J Edenfield	4/26/00	0800
	2	J Edenfield	J Edenfield	4/26/00	1130
	3				
CONTAINERS/SEALS INTACT YES ☒ NO ☐	ON ICE/4°C YES ☒ NO ☐	SHIPPED VIA J	4		

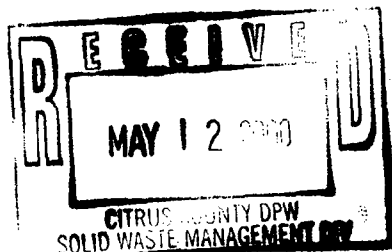


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5810-D Breckenridge Parkway
Tampa, Florida 33610
(813) 630-9616
FAX (813) 630-4327

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

(CTRL-ALT-7)



W 175

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 04/12/00@0800
P.O. Number
Sample Pickup: 04/12/00@0800
Lab Custody Date: 04/12/00@1150
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS: Ammended Report on 05/10/00

Quarterly Effluent

E06-201371 00-4-3

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
Arsenic	*29		T201371	ug/l	6010B	10	4/14/00	SH
Bariumm	*<10	U	T201371	ug/l	6010B	10	4/14/00	SH
Cadmium	*<5	U	T201371	ug/l	6010B	5	4/14/00	SH
Chromium	*12		T201371	ug/l	6010B	10	4/14/00	SH
Lead	*<5	U	T201371	ug/l	6010B	5	4/14/00	SH
Selenium	*<10	U	T201371	ug/l	6010B	10	4/14/00	SH
Silver	*<10	U	T201371	ug/l	6010B	10	4/14/00	SH
Mercury	*<2	U	T201371	ug/l	7470A	2	4/14/00	SH
Iron	*110		T201371	ug/l	6010B	50	4/14/00	SH
Sodium	*263000		T201371	ug/l	7790	500	4/18/00	SH
Ethylene Dibromide	*<0.02	U	T201371	ug/l	EPA 504	0.02	4/19/00	KB
Total Xylenes	*<2	U	T201371	ug/l	EPA 601/602	2	4/14/00	KB
Total Trihalomethane	*177.2		T201371	ug/l	EPA 601/602	1	4/14/00	KB
Benzene	*<1	U	T201371	ug/l	EPA 601/602	1	4/14/00	KB
Toluene	*<1	U	T201371	ug/l	EPA 601/602	1	4/14/00	KB
Ethylbenzene	*<1	U	T201371	ug/l	EPA 601/602	1	4/14/00	KB
Chloride	1200		T201371	mg/l	4500CLE	1	4/18/00	DMC
TDS	2218		T201371	mg/l	160.3	2	4/19/00	JBH

Approved by:

Michael Cammarata, Laboratory Manager



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

JOB NUMBER

NUMBER 2013

CLIENT NAME: CITRUS COUNTY LANDFILL	PROJECT NAME:	PRESERVATIVE
ADDRESS: 230 GULE TOWAY HWY	P.O. NUMBER / PROJECT NUMBER:	CONTAINER SIZE AND TYPE
LANCANTO FLA 34460	PROJECT LOCATION:	ANALYSIS
PHONE: 352-746-5000 FAX:	SAMPLED BY: J. EdENFIELD	MS BACICR RE HS PB Se BY WA EDB TOTAL XYLENES TRIALONE CL TDS BENZENTOLONE STYLBENZENE BENZENTOLONE
CONTACT: Jim BRUNSWICK	SPECIAL INSTRUCTIONS:	LAB USE
TURN AROUND TIME or RESULTS DUE BY:		
☐ STANDARD ☐ RUSH ☐ OTHER	☐ VERBAL ☐ FAX ☐ HARD COPY	

[illegible]

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

FIELD PARAMETERS / COMMENTS:		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	<i>[Signature]</i>	<i>[Signature]</i>	4/12/00	0800
		2	<i>[Signature]</i>	<i>[Signature]</i>	4/12/00	1155
		3	<i>[Signature]</i>	<i>[Signature]</i>		
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: ☒ AIR ☐ GROUND		4

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



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

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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 04/12/00@0800
P.O. Number
Sample Pickup: 04/12/00@800
Lab Custody Date: 04/12/00@1150
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

COMMENTS:

Ex 201372
00-4-2

Parameter ID	Analysis Result	Data Qualifier	Lab ID Number	Units	Analytical Method	Detection Limit Used	Analysis/Setup Date/Time	Analyst Initials
CBOD(Eff.)	2		T201372	mg/l	SM5210B	2	4/13/00	JBH
TSS(Eff.)	9.5		T201372	mg/l	160.2	1	04/13/00@1630	MLC
COD	109		T201372	mg/l	410.1	20	4/12/00	JBH
Ammonia	0.12		T201372	mg/l	350.1	0.05	4/12/00	DMC
Nitrate	0.82		T201372	mg/l	4500NO3F	0.05	04/12/00@1200	MLC
TN	3.8		T201372	mg/l	351.2, 4500NO3F	0.05	4/12/00	DMC
TKN	2.9		T201372	mg/l	351.2	0.02	4/20/00	DMC
TP	11		T201372	mg/l	365.4	0.02	4/20/00	DMC
Fecal	2000		T201372	CFU/100m.	SM9222D	1	04/12/00@1350	TMH
Total Chlorine(Eff)	0.29		T201372	mg/l	SM4500CLD	0.1	4/13/00	JBH
PH	8.1		T201372	units	150.1	1	4/12/00	JAE

Approved by:

Deanna M. Cammarata
Michael Cammarata, Laboratory Manager



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CHAIN OF CUSTODY RECORD

JOB NUMBER
1001372

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE 1	
ADDRESS: 230 GOLF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:			CONTAINER SIZE AND TYPE 254C RAS 120 120
LANCASTER FLA 38460		PROJECT LOCATION:			
PHONE: 352-7465000	FAX:	SAMPLED BY: J ECKENFIELD			
CONTACT: Jim BRUNSWICK		SPECIAL INSTRUCTIONS: pH 8.1 temp 20°C			
TURN AROUND TIME or RESULTS DUE BY:		LAB USE			
☐ STANDARD ☐ RUSH ☐ OTHER		☐ VERBAL ☐ FAX ☐ HARD COPY			

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.				
		DATE	TIME						
	EFF Leachate	4/12/00	0800	WW	4	X	X	X	X

* GW—Groundwater	SW—Surface Water	DW—Drinking Water	WW—Waste Water	SO—Solid/Soil	SL—Sludge	HW—Hazardous Waste	A—Air	
FIELD PARAMETERS / COMMENTS:				TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
Pick up?				1	James Brunner	J. Eckfeld	4/12/00	0800
				2	J. Eckfeld	J. Eckfeld	4/12/00	1150
				3				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO				ON ICE/4°C ☒ YES ☐ NO	SHIPPED VIA: ✓			

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



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

Field Custody: Client
Client/Field ID: Citrus County
Matrix: Wastewater
Sample Collection: 04/05/00@0800
P.O. Number
Sample Pickup: 04/05/00@0800
Lab Custody Date: 04/05/00@1200
DOH Certification: 84549, E84589
DEP/Comqap#: 980174

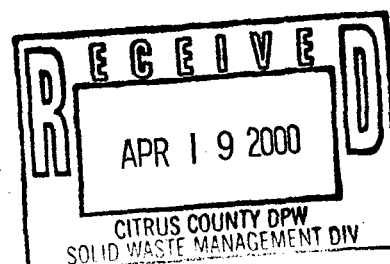
COMMENTS:

EuZ 11/26/07
CC-4-1

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	T201267	mg/l	SM5210B	2	04/06/00@1300	JBH
TSS(Eff.)	9		T201267	mg/l	160.2	1	4/6/00	MLC
COD	117		T201267	mg/l	410.1	20	4/5/00	JBH
Ammonia	0.13		T201267	mg/l	350.1	0.05	04/05/00@1356	DMC
Nitrate	2.1		T201267	mg/l	4500NO3F	0.05	04/06/00@1650	DMC
TN	6		T201267	mg/l	351.2, 4500NO3F	0.05	4/6/00	MLC
TKN	3.9		T201267	mg/l	351.2	0.02	4/14/00	MLC
TP	14.3		T201267	mg/l	365.4	0.02	4/12/00	MLC
Fecal	<1	U	T201267	CFU/100m.	SM9222D	1	04/05/00@1400	TMH
Total Chlorine(Eff)	0.78		T201267	mg/l	SM4500CLD	0.1	4/5/00	DMC
PH	7.7		T201267	units	150.1	1	4/5/00	JAE

Approved by:

Michael Cammarata, Laboratory Manager





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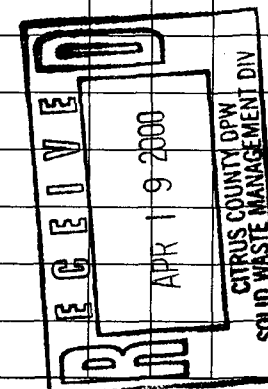
CHAIN OF CUSTODY RECORD

JOB NUMBER

201267

CLIENT NAME: CITRUS COUNTY LANDFILL		PROJECT NAME:		PRESERVATIVE	CONTAINER SIZE AND TYPE	ANALYSES REQUESTED	LAB USE
ADDRESS: 640 GULF TO WAY HWY		P.O. NUMBER / PROJECT NUMBER:					
LECLANTO FLA		PROJECT LOCATION:					
PHONE:	FAX:						
CONTACT: Jim BRUNSWICK		SAMPLED BY: J Edenfield		CBOD TSS FEC NO3 TP TN COD NH3 120 180 H2SO4			
TURN AROUND TIME or RESULTS DUE BY:		SPECIAL INSTRUCTIONS: PH 7.7 temp 19°C					
☐ STANDARD ☐ VERBAL							
☐ RUSH ☐ FAX							
☐ OTHER ☐ HARD COPY							

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLING		MATRIX	NO. OF CONTAIN.												
		DATE	TIME														
	EFF Leachate	4/5/00	0800	WW	4	X	X	X	X								



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

FIELD PARAMETERS / COMMENTS: Pick up		TRANS. NO.	TRANSFERS RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
		1	<i>Paul Samuels</i>	<i>Jholphl</i>	4/5/00	0800
		2	<i>Jholphl</i>	<i>Jholphl</i>	4/5/00	1200
		3				
		4				
CONTAINERS/SEALS INTACT ☒ YES ☐ NO		ON ICE/4°C ☒ YES ☐ NO		SHIPPED VIA: <i>W</i>		

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