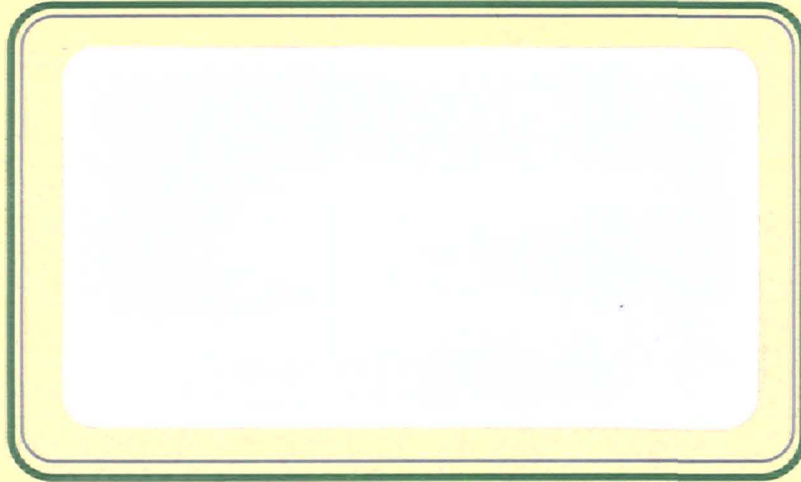


Data uploaded to WACS by Clark Moore, OD 11-19-02



Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • INVERNESS • OCALA

8/23 " } Edwards-Kent
8/30 not 1 }

**SUMTER COUNTY PUBLIC WORKS
LANDFILL**

WACS ID 53008?

**THIRD QUARTER
SAMPLING EVENT 2002**

**PROJECT NUMBER 0084001.300
PERMIT NUMBER 22926-002-SF**

WACS 53008

Conducted for

Mr. GARY BREEDEN

SEPTEMBER 25, 2002



**CENTRAL TESTING LABORATORY
LEESBURG, FLORIDA**

**Conducted and Prepared by
Patricia Snowdon, Environmental Specialist**

RECEIVED

OCT 08 2002

Solid Waste Section

Central Testing Laboratory

EB 0002407

Engineering and Materials Testing

Reply to:

September 25, 2002
Fl. Dept. of Environmental Protection
2600 Blair Stone Road MS 4565
Tallahassee, FL 32399-2400
Attn: Solid Waste Section

RE: Third Quarter 2002 Groundwater Monitoring
Sumter County Public Works

Dear Sir:

Central Testing Laboratory has completed the third quarter sampling for the above referenced project in accordance with specific conditions 13A of the permit.

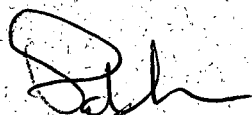
All wells requiring sampling by the permits were sampled on 8/22 and 8/23/2002. Central Testing Laboratory received the analysis from that sampling event September 12, 2002. The sampling of this site has been performed in accordance with Central Testing Laboratory's CompQAP and the analytical testing has been performed in accordance with Advanced Environmental Laboratory's CompQAP. We have enclosed a copy of the testing and sampling results for your use.

Summaries of any water quality standards or minimum criteria that are exceeded as required in specific condition 13 of the permit are submitted with each set of analytical results.

The results from the quarterly sampling event listed MW-2 were above drinking water limits for nitrate and aluminum. MW-4 had excessive limits for nitrate and TDS. MW-6A was above drinking water limits for turbidity and aluminum and MW-9 was above limits for TDS, Iron and manganese. These results are following similar trends as previously reported and we will continue to follow sampling procedures in order to obtain the best quality results possible.

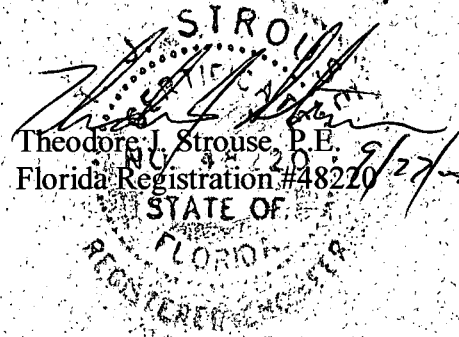
It has been a pleasure assisting you with this project. Should you have questions, or if you would like to discuss this report, please contact our office.

Sincerely,
CENTRAL TESTING LABORATORY



Patricia Snowdon
Environmental Specialist

Cc: John Morris, FDEP
Mr. Terry Hurst, Mr. Gary Breeden



Theodore J. Strouse, P.E.
Florida Registration #48210
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER

5400 S. Florida Avenue
Inverness, FL 34450
(352) 726-6447

723 S. 14th Street
Leesburg, FL 34748
(352) 787-1268

Sumter County
(352) 793-3639

1725 SW 17th Street
Ocala, FL 34474
(352) 622-1186



Florida Department of Environmental Protection

Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.900(2)
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

Volume Reduction and Landfill

(1) Facility Name Sumter County Solid Waste Management Facility

Address 319 E. Anderson Ave.

City Bushnell Sumterville Zip 33513

Telephone Number (352) 793-0240

(2) The GMS Identification Number 4060C00092

(3) DEP Permit Number 22926-002-SF

(4) Authorized Representative Name Gary Breeden

Address 723 319 E. Anderson Ave.

City Bushnell Zip 33513

Telephone Number (352) 793-0240

(5) Type of Discharge Lined landfill

(6) Method of Discharge Groundwater Slow Rate Infiltration

Certification

I 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: September 25, 2002

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # Central Testing Laboratory #990017

Analytical Lab Comp QAP # /HRS Certification # Advanced Environmental Laboratory

**Comp QAP # /HRS Certification # 940242-7*

Lab Name _____

Address _____

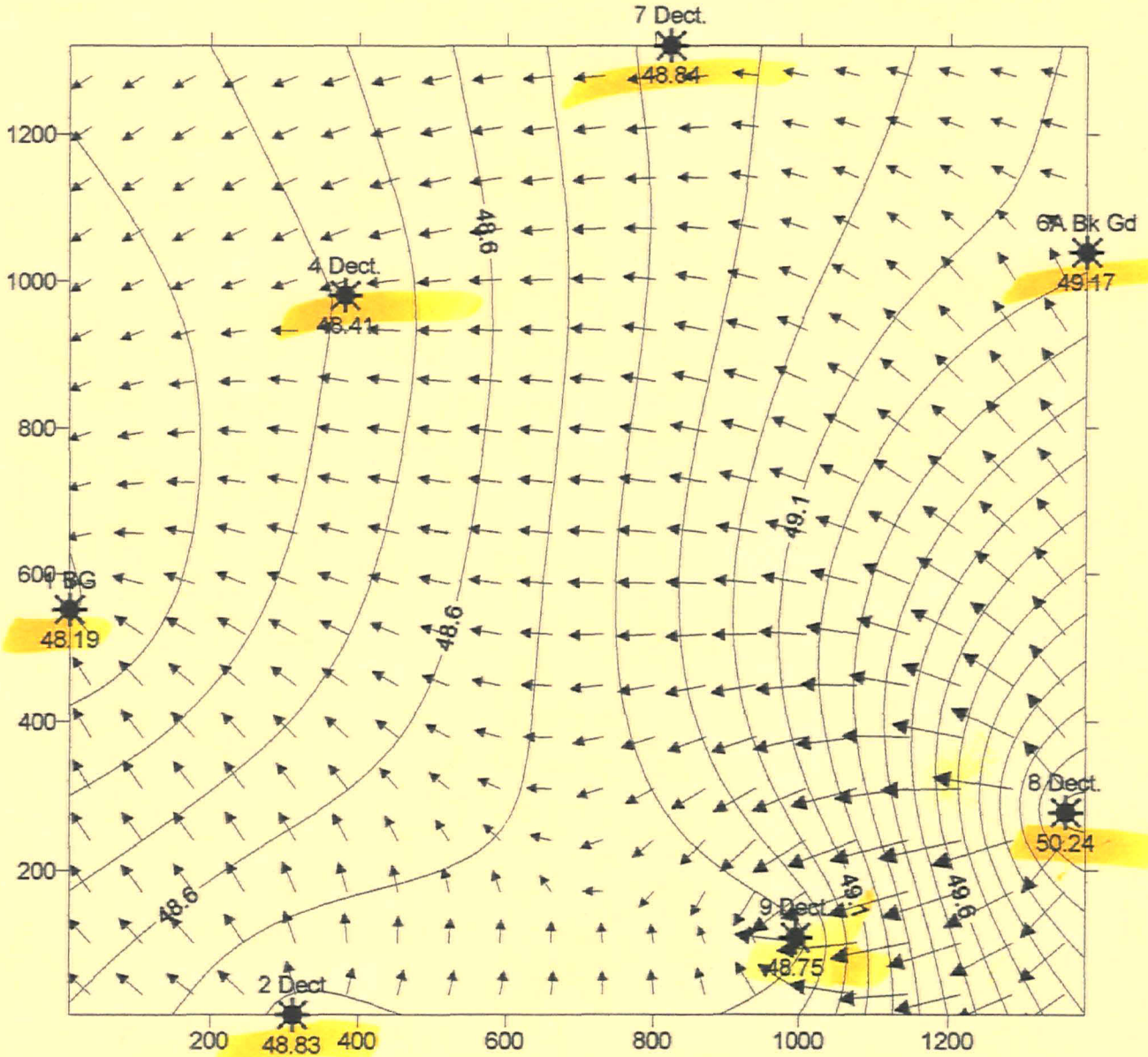
Phone Number () _____

Sumter County Solid Waste

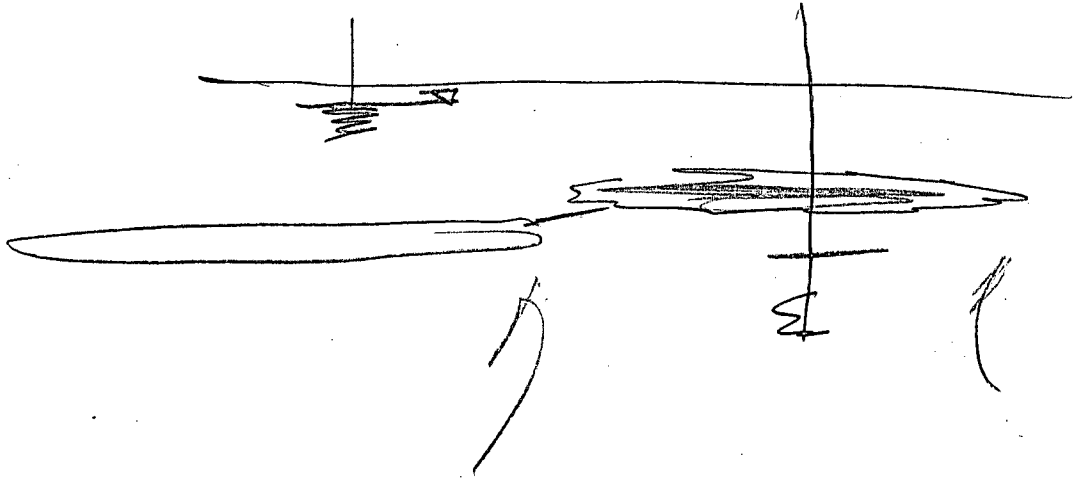
3rd Quarter 2002 Groundwater Sampling Event

GMS # 4060C00092 Permit # 22926-002-SF

8-23-02



5 CALE



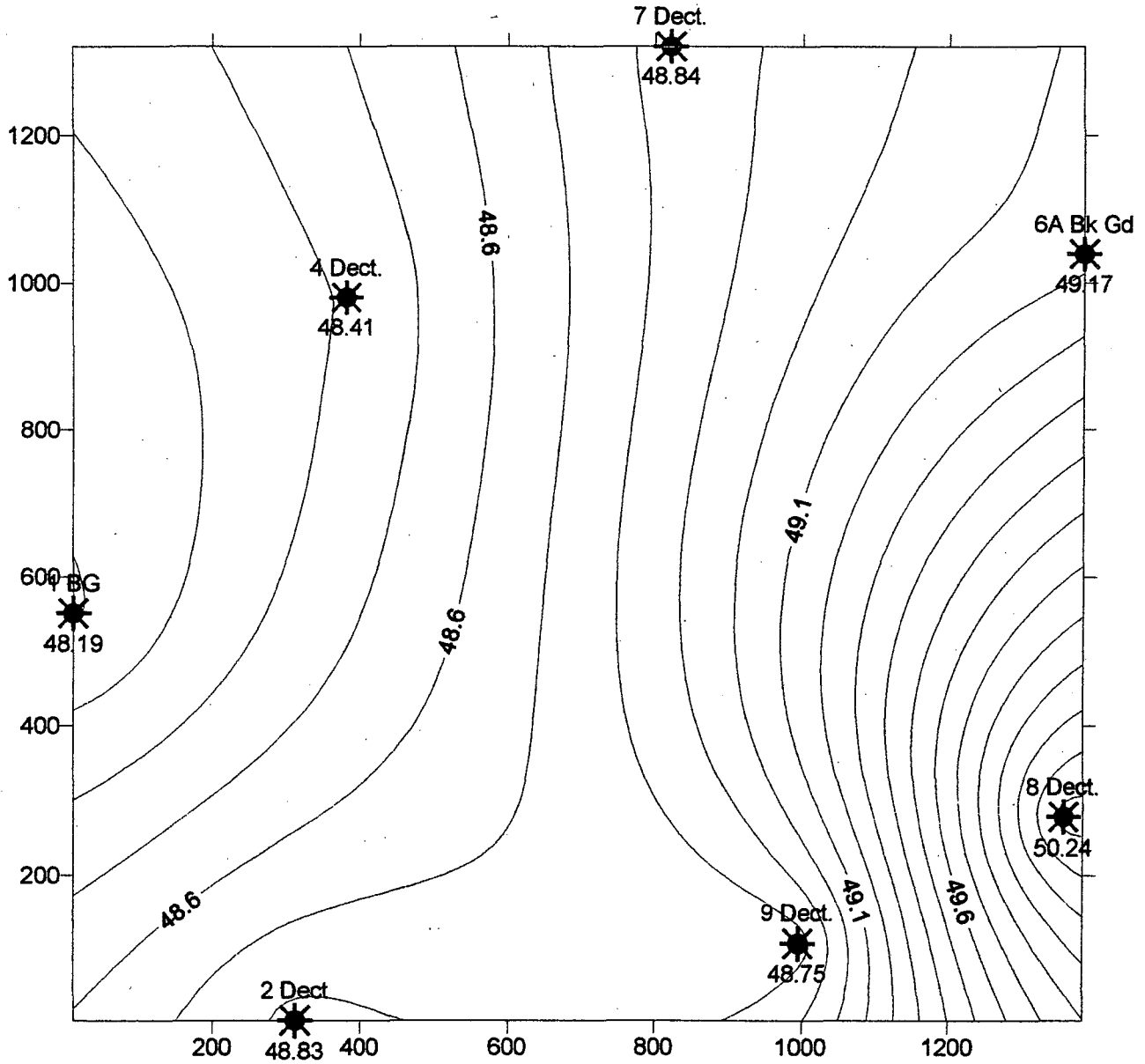
Sumter County Solid Waste

3rd Quarter 2002 Groundwater Sampling Event

GMS # 4060C00092 Permit # 22926-002-SF



8-23-02



Scale - ?

**SUMTER COUNTY SOLID WASTE
3RD QUARTER 2002 GROUNDWATER SAMPLING EVENT
GMS #4060COOO92
PERMIT #22926-002-SF**

WELL NUMBER	SAMPLE DATE & TIME	ELEVATION T.O.C.	DEPTH TO WATER	WATER ELEVATION	pH	TEMPERATURE degrees C	SPECIFIC CONDUCTIVITY uS/cm	TURBIDITY NTU	COLOR by observation	PURGE AMOUNT gallons
MW-1	Friday 8/23/02 08:56	70.17	21.98	48.19	6.7	26.8	8.3	1.2	CLEAR	2.75
MW-2	Friday 8/23/02 09:50	69.13	20.3	48.83	6.7	26.8	306.4	18	SEMICLEAR	3.5
MW-4	Friday 8/23/02 12:30	70.36	21.95	48.41	7.2	28.4	0.8	2.3	CLEAR	4
MW-6A	Thursday 8/22/02 13:38	77.54	28.37	49.17	7.8	24.4	224	50.3	CLOUDY	15.5
MW-7	Friday 8/23/02 11:20	73.14	24.3	48.84	7.6	24.2	281.2	7.3	CLEAR	6
MW-8	Thursday 8/22/02 11:48	69.26	19.02	50.24	7.1	24.2	513	2.6	CLEAR	7
MW-9	Thursday 8/22/02 10:21	71.95	23.2	48.75	6.5	25.6	804	1.9	CLEAR	8

**SAMPLED BY:
Patricia Snowdon
Alan Kerr**

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-6A
 Lab Sample ID: T025862-01
 Well Type: N/A
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1340
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	49.17		8/22/02 1340	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	224		8/22/02 1340	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	7.78		8/22/02 1340	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Cloudy		8/22/02 1340	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	24.4		8/22/02 1340	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	50.3		8/22/02 1340	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.021		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	5.2		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.055		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.11		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	5.9		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	14		8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	180		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	1.4(+/-1.0)	U	9/5/02	1.4	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	0.2(+/-0.1)	U	9/5/02	0.2	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	0.9(+/-0.6)	U	9/5/02	0.9	E83033	MJN

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

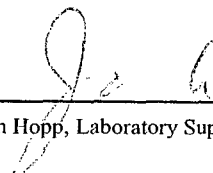
Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-6A
 Lab Sample ID: T025862-01
 Well Type: N/A
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1340
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.51		8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.1	U	8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	10	U	8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

36

Approved By: 
 Jason Hopp, Laboratory Supervisor

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

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-8
 Lab Sample ID: T025862-02
 Well Type: N/A
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1145
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	50.06 50.24		8/22/02 1145	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	513		8/22/02 1145	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	7.07		8/22/02 1145	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Clear		8/22/02 1145	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	24.2		8/22/02 1145	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	2.6		8/22/02 1145	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.13		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	16		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.061		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.1		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	4.9		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	12		8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	340		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	1.0(+/-0.7)	U	9/5/02	1	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	0.8(+/-0.2)		9/5/02	0.1	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	1.0(+/-0.6)	U	9/5/02	1	E83033	MJN

Approved By:

Jason Hopp, Laboratory Supervisor

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

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-8
 Lab Sample ID: T025862-02
 Well Type: N/A
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1145
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.2	U	8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.11		8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	10	U	8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

U= Not Detected Above The Detection Limit

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-9
 Lab Sample ID: T025862-03
 Well Type: N/A
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1025
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	48.75		8/22/02 1025	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	804		8/22/02 1025	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	6.47		8/22/02 1025	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Clear		8/22/02 1025	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	25.6		8/22/02 1025	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	1.9		8/22/02 1025	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.049		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500ClE	13		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.056		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.084		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	0.072		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	2	U	8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1.	530		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	1.9(+/-1.1)		9/5/02	1.7	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	1.7(+/-0.2)		9/5/02	0.2	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	1.0(+/-0.6)	U	9/5/02	1	E83033	MJN

Approved By:

Jason Hopp, Laboratory Supervisor

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

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-9
 Lab Sample ID: T025862-03
 Well Type: Detection
 GW Class: GII

Report No.: T025862
 Date/Time Sampled: 8/22/02 1025
 Date/Time Submitted: 8/23/02 0710
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 12

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.2	U	8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.013		8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.55		8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.068		8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	10	U	8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

3rd Quarter 2002 Sample Event Sumter County Solid Waste

GMS# 4060COOO92
Permit # 22926-002-SF

WELL NUMBER	SAMPLE DATE / TIME	ELEVATION TOP OF CASING	DEPTH TO WATER	WATER ELEVATION	PH Units	TURB. NTU	TEMP. C	COLOR By Observ. Or Lab	COND. US/cm
				Static Water Level				Purge Amt. Gl	
MW-1 Background	8/23/02 8:56 a.	70.17	21.98	48.19	6.66	1.2	26.8	CL	8.3
32.0									
MW-2 Detection	8/23/02 9:50	69.13	20.30	48.83	6.69	18	26.8	Semi-CL	306.4
36.87									
MW-4 Detection	8/23/02 12:30	70.36	21.95	48.41	7.20	2.3	28.4	CL	0.8
36.9									
MW 6A	8/23/02 1:38	77.54	28.37	49.17	7.78	50.3	24.4	cloudy	224
49.30									
MW-7	8/23/02 11:20	73.14	24.30	48.84	7.57	7.3	24.2	CL	281.2
48.7									
MW-8	8/23/02 11:48	69.26	19.02	50.06	7.07	2.6	24.2	CL	513
43.0									
MW-9 47.0	8/23/02 10:21	71.95	23.20	48.75	6.47	1.9	25.6	CL	804

Sampled By: _____ (NOTE: All wells were purged before samples were taken) (Total Well Depth - Depth to Water) X .16

Jason: MW- 6A, 8, and 9 were Sampled on 8/23/02
* All others were Sampled 8/23/02

BEST AVAILABLE COPY



Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
 Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
 Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

Page _____ of _____

CLIENT NAME: AFC Tampa		PROJECT NAME:		BOTTLE SIZE & TYPE	16P "	AR NE QU LI RI SI ED	LAB NUM BER
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:					
PHONE: _____ FAX: _____		PROJECT LOCATION:					
CONTACT:		SAMPLED BY:					
TURN AROUND TIME:		REMARKS/SPECIAL INSTRUCTIONS:					
<input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH		sub to Fl Res. Chem					
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		MATRIX	NO. CONT.	Preserv
			DATE	TIME			
	T-2562-01		2-22-02	1340	GW	2	/ /
	I 02		I	1145	I	I	/ /
	I 03			1025			/ /

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	Via	AB	D/T	<i>[Signature]</i>	2-22-02		<i>[Signature]</i>		
Ret	Via	AB	D/T						
		Triples							

Received on ice: yes no sent received



Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
 Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
 Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CLIENT NAME: <i>AEE Tampa</i>		PROJECT NAME:		BOTTLE SIZE & TYPE	A R N E A Q U I L I R E D S I D	LAB NUMBER
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:				
PHONE: / FAX:		PROJECT LOCATION:				
CONTACT:		SAMPLED BY:				
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH		REMARKS / SPECIAL INSTRUCTIONS: <i>sub to AEE Job</i>				A, As, B, B ₁ , B ₂ , Cu, Cr, Fe, Hg, Mn, Pb, Si, Se, TI, Ag, Ni, Na, Zn

WW=waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge Preserv *2*

SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING		MATRIX	NO. CONT.	Preserv										
			DATE	TIME													
01	1025702				GW	1											
02																	
03																	
04	01		8-22-02	1340													
05																	
06	02		8-22-02	1145													
07	03		8-22-02	1025													

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	 Date 8-23-02 Received by: <i>Cowder</i>			
		AB	D/T	2				
Ret	Via	Trip Bl		3				
				4				



Advanced Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

LAB NUMBER: T025862

- Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
- Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

Page _____ of _____

CLIENT NAME: CENTRAL TESTING LABORATORY	PROJECT NAME: SUMTER COUNTY PUBLIC WORKS	BOTTLE SIZE & TYPE: 1 L AMBER GLASS	LAB NUMBER
ADDRESS: 723 SOUTH 14TH STREET LEE BOURS, FL 34748	P.O. NUMBER / PROJECT NUMBER:	1 L PLASTIC	
PHONE: 352 787 1248 FAX: 352 728 2245	PROJECT LOCATION: SUMTER COUNTY PUBLIC WORKS LANDFILL COR. 450 SUMTERVILLE, FL	1 L PLASTIC	
CONTACT: P. Johnson	SAMPLED BY: <i>[Signature]</i>	500 ML PLASTIC	

TURN AROUND TIME: <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> RUSH _____	REMARKS / SPECIAL INSTRUCTIONS:
--	---------------------------------

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		MATRIX	NO. CONT.	PRESERV	ANALYSES	LAB NUMBER
			DATE	TIME					
MW-1	MONITOR WELL #1	0	8/22/02	10:00	GW	1	None	None	01
MW-2	#2	1	8/22/02	10:00	GW	1	None	None	02
MW-4	#4	1	8/22/02	10:00	GW	1	None	None	04
MW-6A	#6A	1	8/22/02	13:40	GW	1	None	None	09
MW-7	#7	1	8/22/02	10:00	GW	1	None	None	07
MW-8	#8	1	8/22/02	11:45	GW	1	None	None	08
MW-9	#9	1	8/22/02	10:25	GW	1	None	None	03

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

Shipment Out: / /	Method Via:	Sample Kit	Cooler #	Relinquished by:		Date	Time	Received by:	Date	Time		
				<i>[Signature]</i>		8/22/02		<i>[Signature]</i>	8/22/02	1600		
						<i>[Signature]</i>			8/22/02		8/22/02	0700
Ret: / /	Via:	Trip Bl.										

Received on ip: yes no QC sent received


Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-1
 Lab Sample ID: T025886-01
 Well Type: Background
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 0850
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	48.19		8/23/02 0850	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	8.3		8/23/02 0850	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	6.66		8/23/02 0850	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Clear		8/23/02 0850	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	26.8		8/23/02 0850	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	1.2		8/23/02 0850	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.04		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	17		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.046		8/23/02 1345	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.058		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	1.8		8/23/02 1600	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 1600	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	11		8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	88		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	2.4(+/-0.9)		9/5/02	0.8	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	0.7(+/-0.1)		9/5/02	0.1	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	0.9(+/-0.6)	U	9/5/02	0.9	E83033	MJN

Approved By:


 Jason Hopp, Laboratory Supervisor

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

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-1
 Lab Sample ID: T025886-01
 Well Type: Background
 GW Class: GU

Report No.: T025886
 Date/Time Sampled: 8/23/02 0850
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.2	U	8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.1	U	8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	10	U	8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

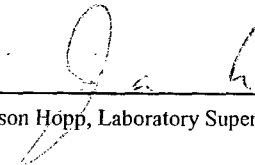
Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-2
 Lab Sample ID: T025886-02
 Well Type: Detection
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 0950
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comgap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	48.83		8/23/02 0950	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	306		8/23/02 0950	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	6.69		8/23/02 0950	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Semi-Clear		8/23/02 0950	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	26.8		8/23/02 0950	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	18		8/23/02 0950	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.023		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	20		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.17		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.17		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	29		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	38		8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	430		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	1.9(+/-0.8)		9/5/02	1	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	0.5(+/-0.1)		9/5/02	0.2	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	1.0(+/-0.6)	U	9/5/02	1	E83033	MJN

Approved By: _____


 Jason Höpp, Laboratory Supervisor

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

Advanced Environmental Laboratories
 5810-D Breckenridge Parkway
 Tampa, FL 33610

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-2
 Lab Sample ID: T025886-02
 Well Type: Detection
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 0950
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.39		8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.039		8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.13		8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.028		8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	19		8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

U= Not Detected Above The Detection Limit

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-4
 Lab Sample ID: T025886-03
 Well Type: Detection
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 1230
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	48.41		8/23/02 1230	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	0.8		8/23/02 1230	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	7.2		8/23/02 1230	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Clear		8/23/02 1230	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	28.4		8/23/02 1230	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	2.3		8/23/02 1230	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.08		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	80		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/l	None	EPA 425.1	0.11		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.12		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	23		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.055		8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	18		8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	550		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	8.6(+/-1.7)		9/5/02	2.1	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	1.8(+/-0.2)		9/5/02	0.1	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	1.0(+/-0.6)	U	9/5/02	1	E83033	MJN

Approved By: _____

Jason Hopp
 Jason Hopp, Laboratory Supervisor

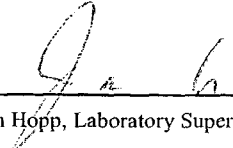
Advanced Environmental Lab certifies that the test results in this report meet all requirements of Nelac Standards

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-4
 Lab Sample ID: T025886-03
 Well Type: Detection
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 1230
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.2	U	8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.1	U	8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	63		8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: 
 Jason Hopp, Laboratory Supervisor

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

Advanced Environmental Laboratories
 5810-D Breckenridge Parkway
 Tampa, FL 33610

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-7
 Lab Sample ID: T025886-04
 Well Type: N/A
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 1125
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
82545	Static Water Level (Field)	ft	N/A	N/A	48.84		8/23/02 1125	N/A	N/A	PS/AK
00094	Specific Conductivity (Field)	umhos/cm	None	N/A	281		8/23/02 1125	N/A	N/A	PS/AK
00400	pH (Field)	Units	None	N/A	7.57		8/23/02 1125	N/A	N/A	PS/AK
00081	Color & Sheens (Field)	N/A	None	N/A	Clear		8/23/02 1125	N/A	N/A	PS/AK
00010	Temperature (Field)	C°	None	N/A	24.2		8/23/02 1125	N/A	N/A	PS/AK
82078	Turbidity (Field)	NTU	None	N/A	7.3		8/23/02 1125	N/A	N/A	PS/AK
00610	Ammonia	mg/l	H ₂ SO ₄	EPA 350.1	0.077		8/28/02 1624	0.02	E84589	NM
00940	Chloride	mg/l	None	SM 4500CIE	10		8/26/02 1330	1	E84589	NM
00720	Cyanide	mg/l	NaOH	SM 4500CNE	0.005	U	9/04/02 0815	0.005	E84589	JBH
38260	Foaming Agents	mg/i	None	EPA 425.1	0.055		8/23/02 1215	0.04	E84589	NM
00951	Fluoride	mg/l	None	SM 4500FC	0.089		8/31/02 1800	0.05	E84589	SS
00620	Nitrogen, Nitrate	mg/l	None	SM 4500NO3F	5.9		8/23/02 0925	0.05	E84589	DMC
00615	Nitrogen, Nitrite	mg/l	None	SM 4500NO3F	0.05	U	8/23/02 0925	0.05	E84589	DMC
00945	Sulfate	mg/l	None	EPA 375.4	2	U	8/27/02 1800	2	E84589	SS
70300	TDS	mg/l	None	EPA 160.1	220		8/26/02 0900	2	E84589	DLS
01501	Gross Alpha	pCi/l	HNO ₃	EPA 900	0.9(+/-0.7)		9/5/02	0.9	E83033	MJN
N/A	Radium 226	pCi/l	HNO ₃	EPA 903.1	0.1(+/-0.1)		9/5/02	0.1	E83033	MJN
N/A	Radium 228	pCi/l	HNO ₃	EPA Ra-05	0.9(+/-0.6)	U	9/5/02	0.9	E83033	MJN

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

U= Not Detected Above The Detection Limit

Groundwater Monitoring Report - Part D

Client: Central Testing Laboratory
 Matrix: Groundwater (GW)
 GMS No.: 4060C00092
 Facility Name: Sumter County Landfill
 Facility No.: 22926-002-SF
 Name: MW-7
 Lab Sample ID: T025886-04
 Well Type: N/A
 GW Class: GII

Report No.: T025886
 Date/Time Sampled: 8/23/02 1125
 Date/Time Submitted: 8/23/02 1340
 Date Reported: 9/10/02
 DEP Comqap: 980174
 Samples Filtered: No
 Sampling Method: Pump
 Total Pages: 15

Storet Code	Parameter Monitored	Units	Pres. Added	Analysis Method	Analysis Result	Data Qualifier	Analysis Date/Time	Detection Limits	DOH Lab ID	Analyst Initial
01105	Aluminum	mg/l	HNO ₃	EPA 6010B	0.2	U	8/27/02 1156	0.2	E82574	DS
01097	Antimony	mg/l	HNO ₃	EPA 7041	0.006	U	8/26/02 1450	0.006	E82574	KC
01002	Arsenic	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01007	Barium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01012	Beryllium	mg/l	HNO ₃	EPA 6010B	0.003	U	8/27/02 1156	0.003	E82574	DS
01027	Cadmium	mg/l	HNO ₃	EPA 6010B	0.005	U	8/27/02 1156	0.005	E82574	DS
01034	Chromium	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01042	Copper	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01045	Iron	mg/l	HNO ₃	EPA 6010B	0.1	U	8/27/02 1156	0.1	E82574	DS
01051	Lead	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01055	Manganese	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
71900	Mercury	mg/l	HNO ₃	EPA 7470A	0.0002	U	8/28/02 1225	0.0002	E82574	KC
01067	Nickel	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01147	Selenium	mg/l	HNO ₃	EPA 6010B	0.02	U	8/27/02 1156	0.02	E82574	DS
00929	Sodium	mg/l	HNO ₃	EPA 6010B	10	U	8/27/02 1156	10	E82574	DS
01077	Silver	mg/l	HNO ₃	EPA 6010B	0.01	U	8/27/02 1156	0.01	E82574	DS
01059	Thallium	mg/l	HNO ₃	EPA 7841	0.002	U	8/26/02 1450	0.002	E82574	KC
01092	Zinc	mg/l	HNO ₃	EPA 6010B	0.05	U	8/27/02 1156	0.05	E82574	DS

Approved By: _____

Jason Hopp, Laboratory Supervisor

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

3rd Quarter 2002 Sample Event Sumter County Solid Waste

GMS# 4060C00092

Permit # 22926-002-SF

WELL NUMBER	SAMPLE DATE / TIME	ELEVATION TOP OF CASING	DEPTH TO WATER	WATER ELEVATION	PH Units	TURB. NTU	TEMP. C	COLOR By Observ. Or Lab	COND. US/cm
				Static Water Level				Purge Amt. Gl	
MW-1 Background	8/23/02 8:56 a	70.17	21.98	48.19	6.66	1.2	26.8	CL	8.3
32.0									
MW-2 Detection	8/23/02 9:50	69.13	20.30	48.83	6.69	18	26.8	Semi-CL	306.4
36.87									
MW-4 Detection	8/23/02 12:30	70.36	21.95	48.41	7.20	2.3	28.4	CL	0.8
36.9									
MW 6A	8/23/02 1:38	77.54	28.37	49.17	7.78	50.3	24.4	cloudy	224
49.30									
MW-7	8/23/02 11:20	73.14	24.30	48.84	7.57	7.3	24.2	CL	281.2
48.7									
MW-8	8/23/02 11:48	69.26	19.02	50.06	7.07	2.6	24.2	CL	513
43.0									
MW-9 47.0	8/23/02 10:21	71.95	23.20	48.75	6.47	1.9	25.6	CL	804

Sampled By:

(NOTE: All wells were purged before samples were taken) (Total Well Depth - Depth to Water) X .16

Jason: MW- 6A, 8, and 9 were Sampled on 8/23/02
 * All others were Sampled 8/23/02

CLIENT NAME: <i>AEL Tampa</i>		PROJECT NAME:		BOTTLE SIZE & TYPE <i>1LP</i>	AR NE QU LU YI SRE SID	LAB NUMBER
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:				
PHONE: _____ FAX: _____		PROJECT LOCATION:				
CONTACT:		SAMPLED BY:				
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH _____		REMARKS / SPECIAL INSTRUCTIONS: <i>sub to Fl Rwd Chem</i>				

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		MATRIX	NO. CONT.			
			DATE	TIME					
	<i>T025846-01</i>		<i>8-23-02</i>	<i>0850</i>	<i>GW</i>	<i>2</i>	<i>2</i>	<i>2</i>	
	<i>02</i>		<i>1</i>	<i>0950</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	
	<i>03</i>		<i>1</i>	<i>1230</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	
	<i>04</i>		<i>1</i>	<i>1125</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	

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

Shipment Out: / /	Method Via:	Sample Kit RB	Cooler # D/T	Relinquished by: <i>[Signature]</i>	Date: <i>8-23-02</i>	Time:	Received by: <i>Couron</i>	Date:	Time:
Ret: / /	Method Via:	Sample Kit AB	Cooler # D/T						
		Trip Bl							

CLIENT NAME: <i>AER Tampa</i>		PROJECT NAME:		BOTTLE SIZE & TYPE	ARE ANALYSES PERFORMED	LAB NUMBER	
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:					
PHONE: _____ FAX: _____		PROJECT LOCATION:		<i>Al, As, Ba, Be, Cd, Cr, Cu, Fe, Hg, Mn, Pb, Sb, Se, Ti, V, Ni, Na, Zn</i>			
CONTACT:		SAMPLED BY:					
TURN AROUND TIME:		REMARKS / SPECIAL INSTRUCTIONS:					
<input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH _____		<i>sub to AER Jax</i>					

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		MATRIX	NO. CONT.	Preserv							
			DATE	TIME										
	<i>T025886-01</i>		<i>8-23-02</i>	<i>0850</i>	<i>GW</i>	<i>1</i>	<i>Z</i>							
	<i>02</i>		<i>1</i>	<i>0950</i>	<i>1</i>	<i>1</i>								
	<i>03</i>		<i>1</i>	<i>1230</i>	<i>1</i>	<i>1</i>								
	<i>04</i>		<i>1</i>	<i>1125</i>	<i>1</i>	<i>1</i>								

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

Shipment Out: / /	Method Via:	Sample Kit RB	Cooler # D/T	Relinquished by:	Date	Time	Received by:	Date	Time
Ret: / /	Via:	AB	D/T	<i>[Signature]</i>	<i>8-23-02</i>		<i>Censor</i>		
		Trip Bl							
		<input type="checkbox"/>	<input type="checkbox"/>						

Received on ice: yes no QC sent received



Environmental Laboratories, Inc.

- Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
- Tampa: 5810-D Breckenridge Parkway, Tampa, FL 33610 • (813) 630-9616 Fax (813) 630-4327
- Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32606 • (352) 367-1500 Fax (352) 367-0050

CHAIN OF CUSTODY RECORD

LAB NUMBER: 7525886

Page _____ of _____

CLIENT NAME: <u>CENTRA FLORIDA LAB</u>		PROJECT NAME: <u>SUNTER CO. PUBLIC WORKS</u>		BOTTLE SIZE & TYPE <u>1L AMBER GLASS</u>		A R E A R E Q U I R E D	LAB N U M B E R	
ADDRESS: <u>723 SOUTH 14TH ST</u>		P.O. NUMBER / PROJECT NUMBER:		<u>1L</u>	<u>AMBER GLASS</u>			
PHONE: <u>787-062</u> FAX: <u>728 2245</u>		PROJECT LOCATION: <u>SUNTER CO PUL LANDFILL</u>		<u>1L</u>	<u>PLASTIC</u>			
CONTACT: <u>P. BLOWEN</u>		SAMPLED BY: <u>[Signature]</u>		<u>1L</u>	<u>PLASTIC</u>			
TURN AROUND TIME: <input type="checkbox"/> STANDARD <input type="checkbox"/> RUSH _____		REMARKS / SPECIAL INSTRUCTIONS: <u>Tribin notified about failures on wells 2 and 4</u>		<u>1L</u>	<u>PLASTIC</u>			
WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge		Preserv		<u>none</u>	<u>none</u>			
SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING		MATRIX	NO. CONT.		
			DATE	TIME				
MW-1	MONITOR WELL #1	G	8/23/02	8:50a	BW	8		
MW-2	#2	↓	↓	9:50a	↓	↓		02
MW-4	#4	↓	↓	12:30p	↓	↓		03
MW-7	#7	↓	↓	11:25p	↓	↓		04

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

Relinquished by: [Signature] Date: 8/25/02 Time: 1310p

Received by: [Signature] Date: 8-23-02 Time: 1340

Shipment Out: / /	Method Via:	Sample Kit RB	Cooler # D/T	1
Ret: / /	Via:	AB	D/T	2
		Trip Bl		3
				4