

685 Airport Road
Wauchula, FL 33873
(941)773-5089
Fax (941) 773-3907

Hardee County Solid Waste Department

RECEIVED

AUG 10 2001

August 7, 2001

Solid Waste Section

Department of Environmental Protections
Attention: Allison Amram, environmental specialist III
Waste Management section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RE: Biannual Groundwater Sampling & Analysis
Annual Leachate Sampling & Analysis (40 CFR, I & II)
Methane Monitoring
Groundwater Elevations

4025C30001
5025-214306
40612

Dear Ms. Amram:

Enclosed for your review is the above referenced. Please feel free to contact us should you have any questions or comments.

Sincerely,

Janice Williamson
Solid Waste Superintendent

Cc:

Chongman Lee -DEP, Tallahassee

Andy Maddox-Cow, Wastewater Treatment Plant (Leachate Only)

Printed on recycled paper

Florida Department of Environmental Protection

Twin Towers Office Bldg. 1600 Blair Stone Road Tallahassee, Florida 32399-2400

DEP Form # 62-522.600(11)

Form Title GROUND WATER MONITORING
REPORT

Effective Date _____

DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

RECEIVED

AUG 10 2001

PART I GENERAL INFORMATION

1. Facility Name Hardee County Solid Waste Disposal Facility Solid Waste SectionAddress 685 Airport RoadCity Wauchula, FL Zip 33873Telephone Number (863) 773-50892. The GMS Identification Number 4025C300013. DEP Permit Number S025-2143064. Authorized Representative Name Bruce CummingsAddress 10405 US 27 SouthCity Sebring, FL Zip 33876Telephone Number (863) 655-4022

5. Type of Discharge _____

6. Method of Discharge _____

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and its attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, 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.

Signature _____

for Hardee County BOCC

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp OAP # 880516Analytical Lab Comp OAP #/HRS Certification # 880516, E85458Comp OAP #/HRS Certification # E84098Lab Name Short Environmental Laboratories, Inc.Address 10405 US 27 South, Sebring, FL 33876Phone Number (863) 655-4022

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

Page 1 of 34

Laboratory Number: 142998

Project: Hardee County
Location: Landfill
Sample ID: Blank
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1045
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**FIELD DATA**

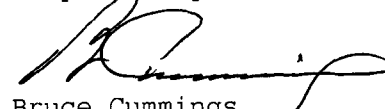
Temperature 27.2 deg. C
pH 4.70 S.U.
Conductivity < 1. umho/cm

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	10.u	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1500	10.
Chloride	0.5u	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.02u	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	0.02u	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

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Laboratory Number: 142998

Project: Hardee County
Location: Landfill
Sample ID: Blank
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1045
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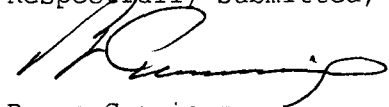
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Lead	0.001u	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	1.0u	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Zinc	0.002u	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002

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Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 142999

Project: Hardee County
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1700
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**FIELD DATA**

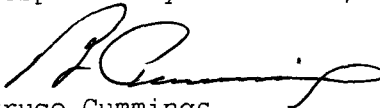
Temperature	24.8	deg. C
pH	4.82	S.U.
Conductivity	268.	umho/cm
Dissolved Oxygen	4.2	mg/L
Turbidity	8.83	NTU
Color & Sheen	Color	
Depth to Water	6.30	ft
Water Level	6.50	ft.
Groundwater Elevation	81.67	ft
Volume Removed	12.48	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	286.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1500	10.
Chloride	41.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.09	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.08	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.08	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

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Respectfully Submitted,


Bruce Cummings
Laboratory Director

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10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
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685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
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Laboratory Number: 142999

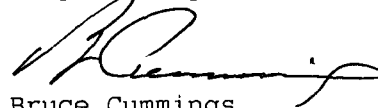
Project: Hardee County
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1700
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.02u	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	7.51	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.001u	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	17.	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.006	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022

FDOH# E85458, FDEP QAP# 880516

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 142999

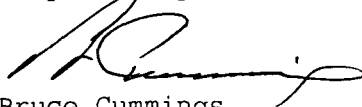
Project: Hardee County
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1700
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022

FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
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Wauchula, FL 33873-
Attn: J.R. Prestridge

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Laboratory Number: 142999

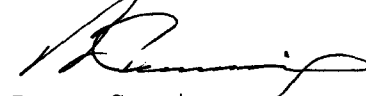
Project: Hardee County
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1700
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
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Attn: J.R. Prestridge

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Page 7 of 34

Laboratory Number: 142999

Project: Hardee County
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1700
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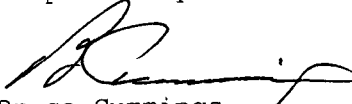
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/06/01 @ 1700Test Site ID #: 4025A14569Report Period: 01/01/01 to 06/30/01Well Name: MW-1Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 81.67 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1700	268. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1700	4.82 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1700	4.2 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1700	8.83 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1700	24.8 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1700	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	0.09 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	41. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	7.51 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.08 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	17. mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	286. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	< 0.005 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	0.006 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1700

Test Site ID #: 4025A14569

Report Period: 01/01/01 to 06/30/01

Well Name: MW-1

Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: [] Background
 [] Intermediate
 [x] Detection
 [] Other

Groundwater Elevation (MSL): 81.67 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1700

Test Site ID #: 4025A14569

Report Period: 01/01/01 to 06/30/01

Well Name: MW-1 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 81.67 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 8 of 34

Laboratory Number: 143000

Project: Hardee County
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1720
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

FIELD DATA

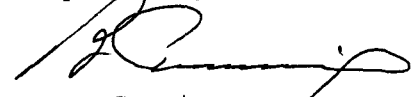
Temperature	25.1	deg. C
pH	6.34	S.U.
Conductivity	263.	umho/cm
Dissolved Oxygen	2.1	mg/L
Turbidity	21.6	NTU
Color & Sheen	Color	
Depth to Water	8.80	ft
Water Level	4.45	ft.
Groundwater Elevation	77.06	ft
Volume Removed	8.55	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	174.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1500	10.
Chloride	6.7	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.06	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.11	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.11	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

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(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 9 of 34

Laboratory Number: 143000

Project: Hardee County
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1720
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.02u	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	5.98	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.001	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	6.9	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.002u	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

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FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 10 of 34

Laboratory Number: 143000

Project: Hardee County
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1720
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge07/26/2001
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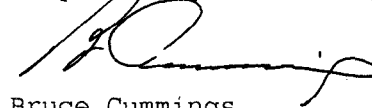
Laboratory Number: 143000

Project: Hardee County
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1720
Received: 06/05/2001 @ 1810**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 12 of 34

Laboratory Number: 143000

Project: Hardee County
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1720
Received: 06/05/2001 @ 1810

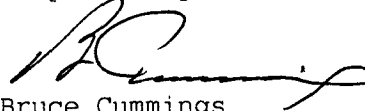
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/06/01 @ 1720Test Site ID #: 4025A14570Report Period: 01/01/01 to 06/30/01Well Name: MW-2 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 77.06 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1720	263. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1720	6.34 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1720	2.1 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1720	21.6 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1720	25.1 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1720	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	0.06 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	6.7 mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	5.98 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.11 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	6.9 mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	174. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	< 0.005 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1720

Test Site ID #: 4025A14570

Report Period: 01/01/01 to 06/30/01

Well Name: MW-2 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 77.06 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1720Test Site ID #: 4025A14570Report Period: 01/01/01 to 06/30/01Well Name: MW-2 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 77.06 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 13 of 34

Laboratory Number: 143001

Project: Hardee County
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

FIELD DATA

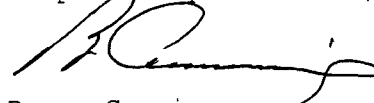
Temperature	24.3	deg. C
pH	5.63	S.U.
Conductivity	138.	umho/cm
Dissolved Oxygen	2.4	mg/L
Turbidity	82.4	NTU
Color & Sheen	Color	
Depth to Water	9.30	ft
Water Level	12.70	ft.
Groundwater Elevation	77.86	ft
Volume Removed	6.21	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	192.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1500	10.
Chloride	14.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.03	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.29	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.32	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge07/26/2001
Page 14 of 34

Laboratory Number: 143001

Project: Hardee County
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

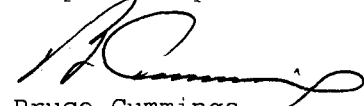
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.04	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.009	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	5.15	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.006	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	6.1	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.004	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143001

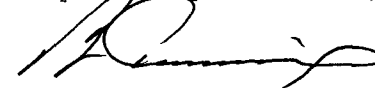
Project: Hardee County
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

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(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
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Laboratory Number: 143001

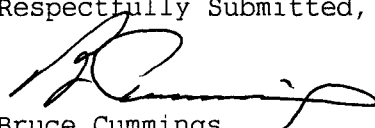
Project: Hardee County
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 17 of 34

Laboratory Number: 143001

Project: Hardee County
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

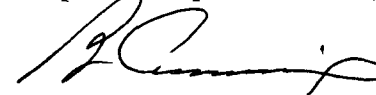
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/06/01 @ 1210

Test Site ID #: 4025A14572

Report Period: 01/01/01 to 06/30/01

Well Name: MW-4 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☒ Background
☐ Intermediate
☐ Detection
☐ Other

Groundwater Elevation (MSL): 77.86 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1210	138. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1210	5.63 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1210	2.4 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1210	82.4 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1210	24.3 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1210	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	< 0.04 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	14. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	5.15 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.29 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	6.1 mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	192. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	0.04 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	0.009 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	0.006 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	0.004 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1210

Test Site ID #: 4025A14572

Report Period: 01/01/01 to 06/30/01

Well Name: MW-4 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☒ Background
☐ Intermediate
☐ Detection
☐ OtherGroundwater Elevation (MSL): 77.86 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1210

Test Site ID #: 4025A14572

Report Period: 01/01/01 to 06/30/01

Well Name: MW-4 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☒ Background
☐ Intermediate
☐ Detection
☐ Other

Groundwater Elevation (MSL): 77.86 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143002

Project: Hardee County
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1405
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**FIELD DATA**

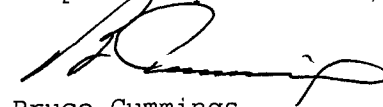
Temperature	26.6	deg. C
pH	5.08	S.U.
Conductivity	88.	umho/cm
Dissolved Oxygen	1.8	mg/L
Turbidity	16.8	NTU
Color & Sheen	Color	
Depth to Water	12.20	ft
Water Level	8.80	ft.
Groundwater Elevation	76.56	ft
Volume Removed	4.30	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	74.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1500	10.
Chloride	5.4	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.10	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.03	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.03	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

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07/26/2001

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Laboratory Number: 143002

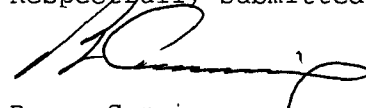
Project: Hardee County
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1405
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.02u	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	3.33	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.001u	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	3.9	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.002u	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 20 of 34

Laboratory Number: 143002

Project: Hardee County
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1405
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
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SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143002

Project: Hardee County
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1405
Received: 06/05/2001 @ 1810

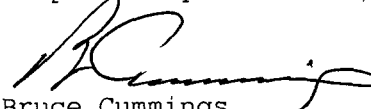
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143002

Project: Hardee County
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1405
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/06/01 @ 1405Test Site ID #: 4025A14573Report Period: 01/01/01 to 06/30/01Well Name: MW-5 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 76.56 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1405	88. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1405	5.08 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1405	1.8 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1405	16.8 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1405	26.6 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1405	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	0.10 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	5.4 mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	3.33 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.03 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	3.9 mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	74. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	< 0.005 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1405Test Site ID #: 4025A14573Report Period: 01/01/01 to 06/30/01Well Name: MW-5 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 76.56 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1405

Test Site ID #: 4025A14573

Report Period: 01/01/01 to 06/30/01

Well Name: MW-5 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 76.56 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 23 of 34

Laboratory Number: 143003

Project: Hardee County
Location: Landfill
Sample ID: MW-8
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1640
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

FIELD DATA

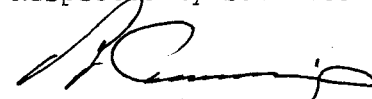
Temperature	26.2	deg. C
pH	5.84	S.U.
Conductivity	171.	umho/cm
Dissolved Oxygen	1.6	mg/L
Turbidity	58.6	NTU
Color & Sheen	Color	
Depth to Water	13.40	ft
Water Level	1.60	ft.
Groundwater Elevation	75.58	ft
Volume Removed	0.78	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	102.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1033	10.
Chloride	18.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.10	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.10	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

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For: Hardee County
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685 Airport Road
Wauchula, FL 33873-
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07/26/2001

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Laboratory Number: 143003

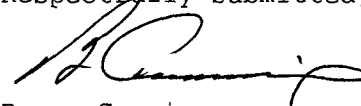
Project: Hardee County
Location: Landfill
Sample ID: MW-8
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1640
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.04	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.017	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	7.77	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.008	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	7.2	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.012	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 25 of 34

Laboratory Number: 143003

Project: Hardee County
Location: Landfill
Sample ID: MW-8
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1640
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

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(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143003

Project: Hardee County
Location: Landfill
Sample ID: MW-8
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1640
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143003

Project: Hardee County
Location: Landfill
Sample ID: MW-8
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1640
Received: 06/05/2001 @ 1810

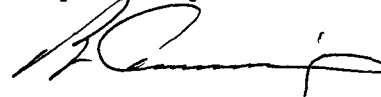
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/06/01 @ 1640Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: MW-8 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 75.58 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1640	171. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1640	5.84 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1640	1.6 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1640	58.6 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1640	26.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1640	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	< 0.04 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	18. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	7.77 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.10 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	7.2 mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	102. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	0.04 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	0.017 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	0.008 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	0.012 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1640

Test Site ID #: 4025A

Report Period: 01/01/01 to 06/30/01

Well Name: MW-8 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 75.58 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1640

Test Site ID #: 4025A

Report Period: 01/01/01 to 06/30/01

Well Name: MW-8 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 75.58 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 28 of 34

Laboratory Number: 143004

Project: Hardee County
Location: Landfill
Sample ID: MW-9
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1500
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**FIELD DATA**

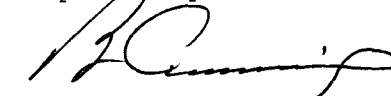
Temperature	26.1	deg. C
pH	6.76	S.U.
Conductivity	208.	umho/cm
Dissolved Oxygen	1.5	mg/L
Turbidity	19.6	NTU
Color & Sheen	Color	
Depth to Water	13.40	ft
Water Level	1.60	ft.
Groundwater Elevation	75.31	ft
Volume Removed	0.76	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	114.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1033	10.
Chloride	24.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

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(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143004

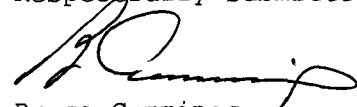
Project: Hardee County
Location: Landfill
Sample ID: MW-9
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1500
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	0.03	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	1.14	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.003	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	25.	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	0.11	mg/L	EPA 6010	E84098	06/12/2001 @ 1252	0.10
Zinc	0.003	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001

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Laboratory Number: 143004

Project: Hardee County
Location: Landfill
Sample ID: MW-9
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1500
Received: 06/05/2001 @ 1810

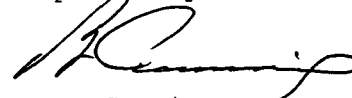
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
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SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

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For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge07/26/2001
Page 31 of 34

Laboratory Number: 143004

Project: Hardee County
Location: Landfill
Sample ID: MW-9
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1500
Received: 06/05/2001 @ 1810

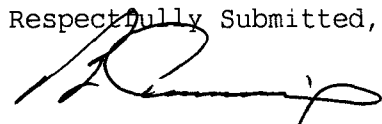
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

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685 Airport Road
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07/26/2001
Page 32 of 34

Laboratory Number: 143004

Project: Hardee County
Location: Landfill
Sample ID: MW-9
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1500
Received: 06/05/2001 @ 1810

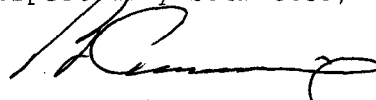
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/06/01 @ 1500Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: MW-9 Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 75.31 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1500	171. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1500	5.84 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1500	1.6 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	06/05/01 @ 1500	58.6 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1500	26.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1500	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	< 0.04 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	24. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	1.14 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	< 0.02 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	25. mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1500	114. mg/L	10. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1559	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1150	0.03 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0941	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	< 0.005 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1252	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/22/01 @ 0901	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	0.003 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1443	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1252	0.11 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	0.003 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1500Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: MW-9Well Purged (Y/N) YesClassification of Groundwater G-IIWell Type: ☐ Background
☐ Intermediate
☒ Detection
☐ OtherGroundwater Elevation (MSL): 75.31 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 4.1 ug/L	4.1 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.02 ug/L	0.02 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1500

Test Site ID #: 4025A

Report Period: 01/01/01 to 06/30/01

Well Name: MW-9 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: ☐ Background
☐ Intermediate
☒ Detection
☐ Other

Groundwater Elevation (MSL): 75.31 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge07/26/2001
Page 33 of 34

Laboratory Number: 143005

Project: Hardee County
Location: Landfill
Sample ID: MW-4 Dup
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810**REPORT OF ANALYSIS****FIELD DATA**

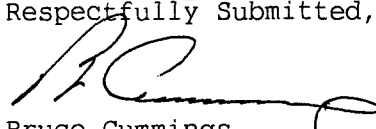
Temperature	24.7	deg. C
pH	5.63	S.U.
Conductivity	140.	umho/cm
Dissolved Oxygen	2.3	mg/L
Turbidity	81.6	NTU
Color & Sheen	Color	
Depth to Water	9.30	ft
Water Level	12.70	ft.
Groundwater Elevation	77.86	ft
Volume Removed	6.21	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	170.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1033	10.
Chloride	14.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.02	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.28	mg/L	Calc.	B. Watkins	07/25/2001 @ 1121	0.02
Nitrate + Nitrite N (NO2+NO3)	0.30	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1559	0.003

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 34 of 34

Laboratory Number: 143005

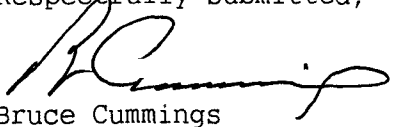
Project: Hardee County
Location: Landfill
Sample ID: MW-4 Dup
Sampled By: R. Greene/G. Kazelesky on 06/05/2001 @ 1210
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	07/13/2001 @ 1038	0.005
Barium	0.04	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1150	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0941	0.002
Chromium	0.008	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	06/22/2001 @ 0901	0.01
Iron	5.40	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	0.005	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.01u	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1443	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	7.0	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Zinc	0.003	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES

10405 US 27 S

SEBRING, FL 33876

(863) 655-4022 (800) 833-4022

FAX: (863) 655-5820

LABORATORY ANALYSES

500 ML	250 ML	LUTER		250 ML	4 VIALS
		Sb/GF	Pb/GF		
		As/H	Hg		
		Ba	Na		
		Be/GF	Ni		
		Cd	Se/GF		
		Cr/GF	Ag/GF		
		Cu	Tl/GF		
		Fe	Zn		
		Co	V		
TDS	NOV				
CL	NO3				
NO2	NH3				

SAMPLER'S NAME: **RICK GREENE**
 ANALYST: **Gayle Kazelesky**
 SAMPLE'S SIGNATURE: *Gayle Kazelesky*
 PROJECT NAME: **HARDEE COUNTY SOLID WASTE DEPARTMENT #77**
 LOCATION: **HARDEE COUNTY LANDFILL**

FIELD ID#	SAMPLE ID#	DATE	TIME	SAMP TYPE	WELL	GRAB	LABORATORY ID#	# OF CONT	TDS	NOV	CL	NO2	NO3	NH3	Cu	Tl/GF	Co	V	APP L	VOC
605A1-3	BLANK	6-5-01	1045	DI		X	142998	3	X	X	X	X	X	X	X	X	X	X		
605E1-8	MW-1	RG 1700	1320	GW	X		142999	8	X	X	X	X	X	X	X	X	X	X		
605B1-8	MW-2	RG 1720	1130	GW	X		143000	8	X	X	X	X	X	X	X	X	X	X		
605C1-8	MW-3			GW	X			8	X	X	X	X	X	X	X	X	X	X		
605C1-8	MW-4		1210	GW	X		143001	8	X	X	X	X	X	X	X	X	X	X		
605F1-8	MW-5		1405	GW	X		143002	8	X	X	X	X	X	X	X	X	X	X		
605H1-8	MW-8		1640	GW	X		143003	8	X	X	X	X	X	X	X	X	X	X		
605G1-8	MW-9		1500	GW	X		143004	8	X	X	X	X	X	X	X	X	X	X		
605D1-8	MW-4 DUPLICATE		1210	GW	X		143005	3	X	X	X	X	X	X	X	X	X	X		

NUTRIENT CONTAINERS PRESERVED, H2SO4
 METALS CONTAINER PRESERVED, HNO3
 VIALS PRESERVED, HCL
 ICED TO 4 DEGREES C

YES	NO
✓	
✓	
✓	
✓	

70057

SAMPLE QTY:	RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
8	<i>[Signature]</i>	<i>[Signature]</i>	6-5-01	1810

DEPARTED LAB	ARRIVED SITE	DEPARTED SITE	ARRIVED LAB

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022

FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 1 of 5

Laboratory Number: 143006

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 06/05/2001 @ 1740
Received: 06/05/2001 @ 1810

REPORT OF ANALYSIS**FIELD DATA**

Temperature	26.2	deg. C
pH	6.94	S.U.
Conductivity	846.	umho/cm
Dissolved Oxygen	0.7	mg/L
Color & Sheen	Color	

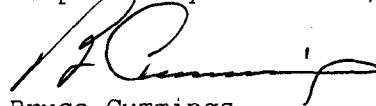
LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	504.	mg/L	EPA 160.1	J. Lair	06/07/2001 @ 1033	10.
Alkalinity	328.	mg/L	EPA 310.1	J. Lair	06/07/2001 @ 1200	0.5
Chloride	82.	mg/L	EPA 325.3	J. Lair	06/13/2001 @ 1100	0.5
Ammonia Nitrogen (NH3-N)	2.40	mg/L	EPA 350.1	D. Morton	07/02/2001 @ 0838	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	06/06/2001 @ 0835	0.01
Nitrate Nitrogen (NO3-N)	0.55	mg/L	Calc.	B. Watkins	07/25/2001 @ 1122	0.02
Nitrate + Nitrite N (NO2+NO3)	0.55	mg/L	EPA 353.2	D. Morton	07/02/2001 @ 0840	0.02
Antimony	0.06u	mg/L	EPA 204.2	D. Murto	07/08/2001 @ 1600	0.003
Arsenic	0.352	mg/L	EPA 206.3	J. Mansell	07/05/2001 @ 1017	0.005
Barium	4.60	mg/L	EPA 208.1	J. Mansell	07/17/2001 @ 1148	0.02
Beryllium	0.030	mg/L	EPA 210.2	D. Murto	07/12/2001 @ 1138	0.001
Cadmium	0.050	mg/L	EPA 213.1	J. Mansell	07/10/2001 @ 0942	0.002

Extremely high, heavy solids resulted in some metals analyses to show higher concentrations than normal, and others to have a higher detection limit.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge07/26/2001
Page 2 of 5

Laboratory Number: 143006

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 06/05/2001 @ 1740
Received: 06/05/2001 @ 1810**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chromium	1.63	mg/L	EPA 218.2	D. Murto	07/06/2001 @ 1644	0.005
Cobalt	0.10	mg/L	EPA 6010	E84098	06/12/2001 @ 1308	0.05
Copper	1.01	mg/L	EPA 220.1	J. Mansell	07/10/2001 @ 1204	0.05
Iron	793.	mg/L	EPA 236.1	J. Mansell	07/02/2001 @ 1226	0.02
Lead	1.11	mg/L	EPA 239.2	D. Murto	07/08/2001 @ 1056	0.001
Mercury	0.009	mg/L	EPA 245.1	J. Mansell	06/12/2001 @ 0952	0.001
Nickel	0.81	mg/L	EPA 249.1	J. Mansell	07/10/2001 @ 1442	0.01
Selenium	0.052	mg/L	EPA 270.2	D. Murto	07/14/2001 @ 1202	0.005
Silver	0.002	mg/L	EPA 272.2	D. Murto	07/19/2001 @ 1225	0.001
Sodium	46.	mg/L	EPA 273.1	J. Mansell	06/06/2001 @ 1100	1.0
Thallium	0.008	mg/L	EPA 279.2	D. Murto	07/13/2001 @ 0945	0.002
Vanadium	1.27	mg/L	EPA 6010	E84098	06/12/2001 @ 1308	0.10
Zinc	4.96	mg/L	EPA 289.1	J. Mansell	07/12/2001 @ 0758	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.5
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12

Extremely high, heavy solids resulted in some metals analyses to show higher concentrations than normal, and others to have a higher detection limit.
u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 3 of 5

Laboratory Number: 143006

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 06/05/2001 @ 1740
Received: 06/05/2001 @ 1810

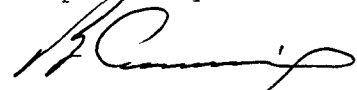
REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04

Extremely high, heavy solids resulted in some metals analyses to show higher concentrations than normal, and others to have a higher detection limit.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/26/2001
Page 4 of 5

Laboratory Number: 143006

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 06/05/2001 @ 1740
Received: 06/05/2001 @ 1810

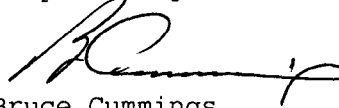
REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.14
Toluene	0.85	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.04
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.30

Extremely high, heavy solids resulted in some metals analyses to show higher concentrations than normal, and others to have a higher detection limit.

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Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876
(800) 833-4022 FDOH# E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
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Attn: J.R. Prestridge

07/26/2001
Page 5 of 5

Laboratory Number: 143006

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 06/05/2001 @ 1740
Received: 06/05/2001 @ 1810

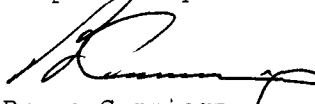
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.17
Xylenes	0.78	ug/L	EPA 8260	E84098	06/13/2001 @ 0000	0.11

Extremely high, heavy solids resulted in some metals analyses to show higher concentrations than normal, and others to have a higher detection limit.
u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1740Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☒ Other

Groundwater Elevation (MSL): ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	06/05/01 @ 1740	846. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/05/01 @ 1740	6.94 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/05/01 @ 1740	0.7 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	06/05/01 @ 1740	26.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/05/01 @ 1740	Color	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	07/02/01 @ 0838	2.40 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	06/07/01 @ 1200	328. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/13/01 @ 1100	82. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	07/02/01 @ 1226	793. mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.1	06/12/01 @ 0952	0.009 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07/02/01 @ 0840	0.55 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/06/01 @ 1100	46. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/07/01 @ 1033	504. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07/08/01 @ 1600	< 0.06 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/05/01 @ 1017	0.352 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/17/01 @ 1148	4.60 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07/12/01 @ 1138	0.030 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/10/01 @ 0942	0.050 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	07/06/01 @ 1644	1.63 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/12/01 @ 1308	0.10 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	07/10/01 @ 1204	1.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/08/01 @ 1056	1.11 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/10/01 @ 1442	0.81 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	07/14/01 @ 1202	0.052 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	07/19/01 @ 1225	0.002 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07/13/01 @ 0945	0.008 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/12/01 @ 1308	1.27 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	07/12/01 @ 0758	4.96 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	16/13/01	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/13/01	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1740Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☒ Other

Groundwater Elevation (MSL): ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/13/01	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	06/13/01	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/13/01	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/13/01	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/13/01	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/13/01	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/13/01	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/13/01	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/13/01	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/05/01 @ 1740Test Site ID #: 4025AReport Period: 01/01/01 to 06/30/01Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: ☐ Background
☐ Intermediate
☐ Compliance
☒ Other

Groundwater Elevation (MSL): ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	06/13/01	0.85 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/13/01	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/13/01	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/13/01	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/13/01	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/13/01	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/13/01	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/13/01	0.78 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (863) 655-4022

07-26-01

For: Attn: J.R. Prestridge
Hardee County Solid Waste Department
685 Airport Road
Wauchula, FL 33873

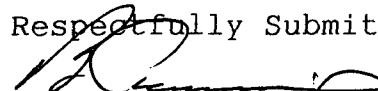
Laboratory Number: 06/04f-s

Sample type: Air
Project: Hardee County
Location: Landfill
Sampled by: R. Greene on 06-04-01 pm
Received: Field data, no lab samples received.

REPORT OF ANALYSIS

FIELD ID #	Sample ID	Methane	Units	Method
06/04f	GP-1	6.0	mg/L	Trace-Techto
06/04g	GP-2	6.0	mg/L	Trace-Techto
06/04h	GP-3	8.0	mg/L	Trace-Techto
06/04i	GP-4	2.0	mg/L	Trace-Techto
06/04j	GP-5	6.0	mg/L	Trace-Techto
06/04k	GP-6	14.0	mg/L	Trace-Techto
06/04l	GP-7	16.0	mg/L	Trace-Techto
06/04m	GP-8	21.0	mg/L	Trace-Techto
06/04n	GP-9	10.0	mg/L	Trace-Techto
06/04o	GP-10	5.0	mg/L	Trace-Techto
06/04p	Maint. Bldg.	< 1.	mg/L	Trace-Techto
06/04q	Material Recovery	< 1.	mg/L	Trace-Techto

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (863) 655-4022

07-26-01
page 2

For: Attn: J.R. Prestridge
Hardee County Solid Waste Department
685 Airport Road
Wauchula, FL 33873

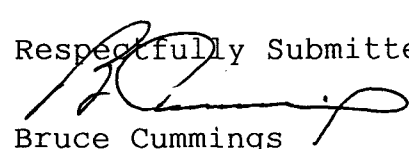
Laboratory Number: 06/04f-s

Sample type: Air
Project: Hardee County
Location: Landfill
Sampled by: R. Greene on 06-04-01 pm
Received: Field data, no lab samples received.

REPORT OF ANALYSIS

FIELD ID #	Sample ID	Methane	Units	Method
06/04r	Kennel	< 1.	mg/L	Trace-Techto
06/04s	Office	< 1.	mg/L	Trace-Techto

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES

10405 US 27 S

SEBRING, FL 33876

(863) 655-4022 (800) 833-4022

FAX: (863) 655-5820

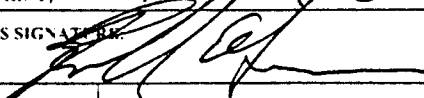
LABORATORY ANALYSES

ME
ET
H
A
N
E

PPM

YES NO

COC1 03-28-01

SAMPLER'S NAME: (PLEASE PRINT) R. Greene		PROJECT NAME: HARDEE LANDFILL					
SAMPLER'S SIGNATURE: 		PROJECT: GAS Monitoring		LOCATION: WAUCHULA			
FACILITY ID#	SAMPLE ID	DATE	TIME	SAMP TYPE	GRAB	LABORATORY ID#	# OF CONT
604F	#1 (Gas Probe)	6-4-01	1450	GAS			- 6.0
604G	#2		1455				- 6.0
604H	#3		1500				- 8.0
604I	#4		1505				- 2.0
604J	#5		1510				- 6.0
604K	#6		1515				- 14.0
604L	#7		1520				- 16.0
604M	#8		1525				- 21.0
604N	#9		1530				- 10.0
604O	#10		1535				- 5.0
604P	Maintenance Bld.		1540				0.0
604Q	Material Recovery		1545				0.0
604R	Kennel		1550				0.0
604S	Office		1555				0.0
SAMPLE QTY:		RELINQUISHED BY:		ACCEPTED BY:		DATE:	

SAMPLES ICED TO 4C

CHAIN OF CUSTODY AND TRANSMITTAL FORM

GROUNDWATER ELEVATIONS

RECORDED BY: Rick Greene

[illegible]

Ft-NGVD = Feet above National Geodetic Vertical Datum.

SHORT ENVIRONMENTAL LABORATORIES

10405 US 27 S

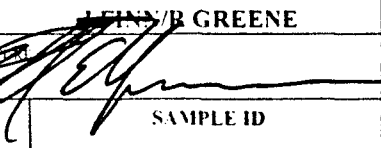
SEBRING, FL 33876

(863) 655-4022 (800) 833-4022

FAX: (863) 655-5820

LABORATORY ANALYSES

1.2 GAL	250 ML	1 LITER	250 ML	250 ML	2 VIALS
THARD					TOC
BOD					
NO2	NH3	Sb/GF			
TDS	TN	As/GF	Pb/GF		
TSS	NO3	Ba	Hg		
	NOx	Be/GF	Se/GF		
	TP	Cd/GF	Ni		
	TKN	Cr/GF	Ag/GF		
	NH3U	Cu/GF	Tu/GF	Co	1 LITER
	COD	Fe	Zn	V	CHLOR-A
					APP 1
					VOC

SAMPLER'S NAME (PLEASE PRINT) LENN B GREENE		PROJECT NAME HARDEE COUNTY SOLID WASTE DEPARTMENT #77						
SAMPLER'S SIGNATURE 		PROJECT HARDEE COUNTY				LOCATION LANDFILL		
FIELD ID#	SAMPLE ID	DATE	TIME	SAMP TYPE	WELL	GRAB	LABORATORY ID#	# OF CONT
	SW-1	6-5-01	1505	SW		X	NO H ₂ O	1

NUTRIENT CONTAINERS PRESERVED, H2SO4
METALS CONTAINER PRESERVED, HNO3
VIALS PRESERVED, HCL
Cu/H2S PRESERVED, NaOH/Zn(AC)
ICED TO 4 DEGREES C

YES	NO

SAMPLE QTY:	RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:

DEPARTED LAB	TIME
ARRIVED SITE	
DEPARTED SITE	
ARRIVED LAB	