

38414
LR
JRM
1/28/02

1995 13:47

813773396

HARDEE COUNTY

FILE

DEP Form # 02-522.600(11)
Form Title GROUND WATER MONITORING REPORT
Effective Date
DEP Application

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT 30 2001

Rule 62-522.600(11)

RECEIVED

Department of Environmental Protection
SOUTHWEST DISTRICT
BY

PART I GENERAL INFORMATION

1 Facility Name Hardee County Solid Waste Disposal Facility
Address 685 Airport Road
City Wauchula, FL Zip 33873
Telephone Number (863) 773-5089
2 The GMS Identification Number 4025C30001
3 DEP Permit Number S025-214306
4 Authorized Representative Name Bruce Cummings
Address 10405 US 27 South
City Sebring, FL Zip 33876
Telephone 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 QAP # 880516
Analytical Lab Comp QAP #/HRS Certification # 880516, E85458
Comp QAP #/HRS Certification # E84098
Lab Name Short Environmental Laboratories, Inc.
Address 10405 US 27 South, Sebring, FL 33876
Phone 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 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**

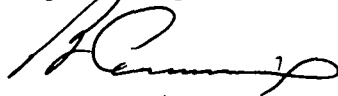
Temperature	26.2	deg. C
pH	6.94	S.U.
Conductivity	846.	umho/cm
Dissolved Oxygen	0.7	mg/L
Color & Sheen	Color	

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. Prestridge

07/26/2001
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

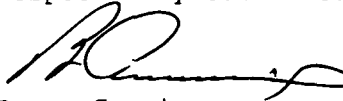
REPORT OF ANALYSIS**LABORATORY DATA**

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. Prestridge07/26/2001
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.
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 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 #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1740

Test Site ID #: 4025A

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

Well 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 #: 4025C30001

Sampling Date/Time: 06/05/01 @ 1740

Test Site ID #: 4025A

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

Well 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



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

38414

leachate
JEM
4/2/01

Hardee County Solid Waste Department

January 31, 2001

D.E.P.

FEB 02 2001

Southwest District Tampa

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

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

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

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 1 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****FIELD DATA**Temperature 24.2 deg. C
pH 6.92 S.U.
Conductivity 740. umho/cm
Dissolved Oxygen 0.8 mg/L
Color & Sheen Color**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	400.	mg/L	EPA 160.1	J. Lair	12/07/2000 @ 1135	10.
Alkalinity	299.	mg/L	EPA 310.1	J. Lair	12/07/2000 @ 1630	0.5
Chloride	46.	mg/L	EPA 325.3	J. Lair	12/07/2000 @ 1438	0.5
Cyanide	0.005u	mg/L	EPA 335.3	D. Morton	12/12/2000 @ 1348	0.005
Sulfide	0.13	mg/L	EPA 376.1	J. Lair	12/08/2000 @ 1415	0.05
Ammonia Nitrogen (NH3-N)	8.73	mg/L	EPA 350.1	D. Morton	12/29/2000 @ 0952	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/06/2000 @ 1825	0.01
Nitrate Nitrogen (NO3-N)	0.02	mg/L	Calc.	B. Watkins	01/26/2001 @ 0949	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02	mg/L	EPA 353.2	D. Morton	01/02/2001 @ 0940	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	12/19/2000 @ 1345	0.003
Arsenic	0.005u	mg/L	EPA 206.3	J. Mansell	12/26/2000 @ 0945	0.005
Barium	0.04	mg/L	EPA 208.1	J. Mansell	12/27/2000 @ 1210	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 HRS# 85344 & E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 2 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	01/01/2001 @ 1310	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	12/29/2000 @ 1142	0.002
Chromium	0.005u	mg/L	EPA 218.2	D. Murto	12/31/2000 @ 1325	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	12/18/2000 @ 0000	0.05
Copper	0.01u	mg/L	EPA 220.1	J. Mansell	12/19/2000 @ 0846	0.01
Iron	3.41	mg/L	EPA 236.1	J. Mansell	12/20/2000 @ 1528	0.02
Lead	0.001u	mg/L	EPA 239.2	D. Murto	12/29/2000 @ 1810	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	12/21/2000 @ 1024	0.001
Nickel	0.01	mg/L	EPA 249.1	J. Mansell	12/20/2000 @ 0924	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	01/04/2001 @ 1140	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	01/08/2001 @ 1135	0.001
Sodium	31.	mg/L	EPA 273.1	J. Mansell	12/13/2000 @ 0941	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	01/02/2001 @ 1301	0.002
Tin	0.10u	mg/L	EPA 6010	E84098	12/28/2000 @ 0953	0.10
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/18/2000 @ 1604	0.10
Zinc	0.018	mg/L	EPA 289.1	J. Mansell	12/20/2000 @ 1319	0.002
Aldrin	0.004u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.004
Chlordane	0.02u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.02
Dieldrin	0.004u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.004

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 3 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640

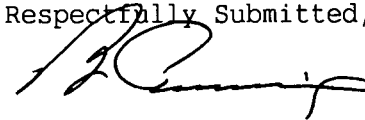
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Endosulfan I	0.014u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.014
Endosulfan II	0.004u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.004
Endosulfan sulfate	0.03u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.03
Endrin	0.006u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.006
Endrin aldehyde	0.023u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.023
Heptachlor	0.003u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.003
Heptachlor epoxide	0.010u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.010
Methoxychlor	0.050u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.050
PCBs	0.50u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.50
Toxaphene	0.20u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.20
A-BHC	0.003u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.003
B-BHC	0.006u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.006
D-BHC	0.009u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.009
G-BHC (Lindane)	0.004u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.004
4,4-DDD	0.011u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.011
4,4-DDE	0.004u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.004
4,4-DDT	0.012u	ug/L	EPA 608	E84098	12/28/2000 @ 0000	0.012
Dinoseb	0.20u	ug/L	EPA 8150	E84098	01/06/2001 @ 0000	0.20
2,4-D	0.20u	ug/L	EPA 8150	E84098	01/06/2001 @ 0000	0.20

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 4 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Silvex (2,4,5-TP)	0.10u	ug/L	EPA 8150	E84098	01/06/2001 @ 0000	0.10
2,4,5-T	0.20u	ug/L	EPA 8150	E84098	01/06/2001 @ 0000	0.20
Acetone	2.5u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	2.5
Acetonitrile	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Acrolein	1.70u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.70
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.50
Allyl chloride	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50
Benzene	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.08
Bromoform	0.12u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.12
Carbon disulfide	4.1u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	4.1
Carbon tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.10
Chloroform	0.03u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
Chloroprene	0.03u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.05
1,2-Dibromo-3-chloropropane	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 5 of 13

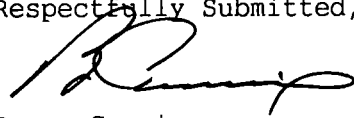
Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,2-Dibromomethane	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
1,3-Dichlorobenzene	0.12u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.12
1,4-Dichlorobenzene	0.61	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
trans-1,4-Dichloro-2-butene	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Dichlorodifluoromethane	0.10u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.10
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
1,3-Dichloropropane	1.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.0
2,2-Dichloropropane	1.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.0
1,1-Dichloropropene	1.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.0
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.06
Ethyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 6 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	5.0
Isobutyl alcohol	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Methacrylonitrile	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Methyl bromide	0.11u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.11
Methyl Chloride	0.13u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.13
Methyl ethyl ketone	5.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	5.0
Methyl iodide	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50
Methyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.50
4-Methyl-2-pentanone	5.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	5.0
Methylene bromide	0.30u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.30
Methylene chloride	0.03u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.03
Propionitrile	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Styrene	1.0u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.14
Toluene	0.54	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.04
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	12/14/2000 @ 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 HRS# 85344 & E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 7 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.30
Vinyl acetate	10.u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	10.
Vinyl chloride	0.17u	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.17
Xylene (total)	9.54	ug/L	EPA 8260	E84098	12/14/2000 @ 0000	0.11
4-Chloro-3-methylphenol	3.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.0
2-Chlorophenol	3.3u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.3
m-Cresol	3.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.5
o-Cresol	3.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.5
p-Cresol	3.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.5
2,4-Dichlorophenol	2.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.7
2,6-Dichlorophenol	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
2,4-Dimethylphenol	2.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.7
4,6-Dinitro-o-cresol	9.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	9.5
2,4-Dinitrophenol	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
2-Nitrophenol	3.6u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.6
4-Nitrophenol	2.4u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.4
Pentachlorophenol	1.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.0

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 8 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Phenol	1.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.5
2,3,4,6-Tetrachlorophenol	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
2,4,5-Trichlorophenol	3.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.9
2,4,6-Trichlorophenol	2.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.7
Acenaphthene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Acenaphthylene	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Acetophenone	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
2-Acetylaminofluorene	7.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	7.5
4-Aminobiphenyl	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Anthracene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Benzo (A) anthracene	3.1u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.1
Benzo (B) fluoranthene	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Benzo (K) fluoranthene	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Benzo (GHI) perylene	4.1u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	4.1
Benzo (A) pyrene	0.1u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	0.1
Benzyl alcohol	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Bis (2-chloroethoxy) methane	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Bis (2-chloroethyl) ether	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Bis (2-chloroisopropyl) ether	5.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.7

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 9 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bis (2-ethylhexyl) phthalate	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
4-Bromophenyl phenyl ether	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Butyl benzyl phthalate	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
p-Chloroaniline	6.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	6.0
Chlorobenzilate	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
2-Chloronaphthalene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
4-Chlorophenyl phenyl ether	4.2u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	4.2
Chrysene	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Diallate	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Dibenz (A,H) anthracene	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Dibenzofuran	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Di-n-butyl phthalate	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
3,3-Dichlorobenzidine	3.2u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.2
Diethyl phthalate	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Thionazin	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Dimethoate	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
p-(Dimethylamino) azobenzene	6.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	6.0
7,12-Dimethylbenz(A)anthracene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
3,3-Dimethylbenzidine	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 10 of 13

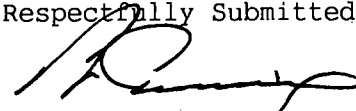
Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Dimethyl phthalate	1.6u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.6
1,3-Dinitrobenzene	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
2,4-Dinitrotoluene	5.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.7
2,6-Dinitrotoluene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Di-n-octyl phthalate	2.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.5
Diphenylamine	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Disulfoton	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Ethyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Famphor	20.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	20.
Fluoranthene	2.2u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.2
Fluorene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Hexachlorobenzene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Hexachlorobutadiene	0.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	0.9
Hexachlorocyclopentadiene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Hexachloroethane	1.6u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.6
Hexachloropropene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Indeno (1,2,3-CD) pyrene	3.7u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.7
Isodrin	6.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	6.0
Isophorone	2.2u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.2

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 11 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Isosafrole	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Kepone	30.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	30.
Methapyrilene	30.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	30.
3-Methylchloranthrene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Methyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
2-Methylnaphthalene	2.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	2.0
Methyl parathion	15.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	15.
Naphthalene	1.6u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.6
1,4-Naphthoquinone	7.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	7.5
1-Naphthylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
2-Naphthylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
2-Nitroaniline	20.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	20.
3-Nitroaniline	20.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	20.
4-Nitroaniline	20.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	20.
Nitrobenzene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
n-Nitrosodi-n-butylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosodiethylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosodimethylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosodiphenylamine	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/2001
Page 12 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
n-Nitrosodipropylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosodimethylethylamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosopiperidine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
n-Nitrosopyrrolidine	15.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	15.
5-Nitro-o-toluidine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Parathion	15.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	15.
Pentachlorobenzene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
Pentachloronitrobenzene	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Phenacetin	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Phenanthrene	5.4u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.4
p-Phenylenediamine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Phorate	3.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	3.0
Pronamide	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
Pyrene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
Safrole	7.5u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	7.5
1,2,4,5-Tetrachlorobenzene	5.0u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	5.0
o-Toluidine	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.
1,2,4-Trichlorobenzene	1.9u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	1.9
o,o,o-Triethylphosphorothioate	30.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	30.

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

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

01/26/2001
Page 13 of 13

Laboratory Number: 134412

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 12/06/2000 @ 1520
Received: 12/06/2000 @ 1640

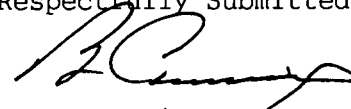
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,3,5-Nitrobenzene	10.u	ug/L	EPA 8270	E84098	12/29/2000 @ 0000	10.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/00 @ 1520

Test Site ID #: 4025A

Report Period: 07/01/00 to 12/31/00

Well 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	12/06/00 @ 1520	729. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12/06/00 @ 1520	6.92 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/00 @ 1520	0.8 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12/06/00 @ 1520	24.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/00 @ 1520	Color	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12/29/00 @ 0952	8.73 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12/07/00 @ 1630	299. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12/07/00 @ 1438	46. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12/20/00 @ 1528	3.41 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.1	12/21/00 @ 1024	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	01/02/01 @ 0940	0.02 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12/13/00 @ 0941	31. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/00 @ 1135	400. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12/19/00 @ 1345	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12/26/00 @ 0945	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12/27/00 @ 1210	0.04 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	01/01/01 @ 1310	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12/29/00 @ 1142	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	12/31/00 @ 1325	< 0.005 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12/18/00 @ 0000	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12/19/00 @ 0846	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12/29/00 @ 1810	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12/20/00 @ 0924	0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	01/04/01 @ 1140	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	01/08/01 @ 1135	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	01/02/01 @ 1301	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12/18/00 @ 1604	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12/20/00 @ 1319	0.018 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12/14/00	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12/14/00	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/06/00 @ 1520Test Site ID #: 4025AReport Period: 07/01/00 to 12/31/00Well 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	12/14/00	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12/14/00	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12/14/00	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12/14/00	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12/14/00	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12/14/00	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12/14/00	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12/14/00	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12/14/00	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12/14/00	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12/14/00	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	12/14/00	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12/14/00	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12/14/00	< 0.61 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12/14/00	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12/14/00	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/14/00	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12/14/00	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/14/00	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/14/00	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12/14/00	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12/14/00	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12/14/00	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12/14/00	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12/14/00	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12/14/00	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12/14/00	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12/14/00	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12/14/00	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12/14/00	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12/14/00	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12/14/00	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12/14/00	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12/14/00	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12/14/00	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12/14/00	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/00 @ 1520

Test Site ID #: 4025A

Report Period: 07/01/00 to 12/31/00

Well 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	12/14/00	0.54 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/14/00	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12/14/00	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12/14/00	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12/14/00	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12/14/00	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12/14/00	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12/14/00	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12/14/00	9.54 ug/L	0.11 ug/L



685 AIRPORT ROAD
WAUCHULA, FL 33873-8663
PHONE: (863) 773-5089
FAX: (863) 773-3907

38414

JTM
11/18/00

Hardee County Solid Waste Department

D.E.P.
SEP 13 2000
Southwest District Tampa

September 11, 2000

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

RE: Leachate Analysis

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

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

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge09/07/2000
Page 1 of 5**D.E.P.**
SEP 13 2000
Southwest District Tampa

Laboratory Number: 127160

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 07/25/2000 @ 0915
Received: 07/25/2000 @ 1030**REPORT OF ANALYSIS****FIELD DATA**

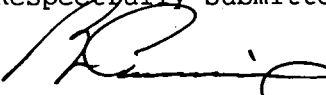
Temperature	26.6	deg. C
pH	6.18	S.U.
Conductivity	729.	umho/cm
Dissolved Oxygen	0.7	mg/L
Color & Sheen	C/S	

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	885.	mg/L	EPA 160.1	J. Lair	07/26/2000 @ 0904	10.
Alkalinity	295.	mg/L	EPA 310.1	J. Lair	07/25/2000 @ 1400	0.5
Chloride	64.	mg/L	EPA 325.3	J. Lair	07/28/2000 @ 1429	0.5
Ammonia Nitrogen (NH3-N)	1.24	mg/L	EPA 350.1	D. Morton	08/10/2000 @ 1156	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	07/26/2000 @ 0930	0.01
Nitrate Nitrogen (NO3-N)	0.07	mg/L	Calc.	B. Cummings	09/07/2000 @ 1325	0.02
Nitrate + Nitrite N (NO2+NO3)	0.07	mg/L	EPA 353.2	D. Morton	08/16/2000 @ 1115	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	08/18/2000 @ 1132	0.003
Arsenic	0.032	mg/L	EPA 206.3	J. Mansell	07/31/2000 @ 1113	0.005
Barium	0.25	mg/L	EPA 208.1	J. Mansell	07/28/2000 @ 1026	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	08/31/2000 @ 1043	0.001
Cadmium	0.002u	mg/L	EPA 213.1	J. Mansell	07/28/2000 @ 1423	0.002

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge09/07/2000
Page 2 of 5

Laboratory Number: 127160

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 07/25/2000 @ 0915
Received: 07/25/2000 @ 1030**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chromium	0.029	mg/L	EPA 218.2	D. Murto	08/07/2000 @ 1600	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	09/07/2000 @ 1242	0.05
Copper	0.12	mg/L	EPA 220.1	J. Mansell	08/01/2000 @ 1216	0.01
Iron	72.9	mg/L	EPA 236.1	J. Mansell	08/04/2000 @ 1503	0.02
Lead	0.038	mg/L	EPA 239.2	D. Murto	07/29/2000 @ 1900	0.001
Mercury	0.001u	mg/L	EPA 245.1	J. Mansell	07/27/2000 @ 0850	0.001
Nickel	0.04	mg/L	EPA 249.1	J. Mansell	07/28/2000 @ 1510	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	08/09/2000 @ 1242	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	08/03/2000 @ 1701	0.001
Sodium	30.	mg/L	EPA 273.1	J. Mansell	08/07/2000 @ 1246	1.0
Thallium	0.005	mg/L	EPA 279.2	D. Murto	08/19/2000 @ 1007	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	09/07/2000 @ 1242	0.10
Zinc	0.590	mg/L	EPA 289.1	J. Mansell	08/02/2000 @ 1211	0.002
Acetone	2.5u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	1.5
Benzene	0.15	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.12

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

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge09/07/2000
Page 3 of 5

Laboratory Number: 127160

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 07/25/2000 @ 0915
Received: 07/25/2000 @ 1030**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.21
Chlorobenzene	0.04u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.50u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.50
1,2-Dibromoethane	0.50u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	08/03/2000 @ 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 HRS# 85344 & E85458, FDEP QAP# 880516 (863) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge09/07/2000
Page 4 of 5

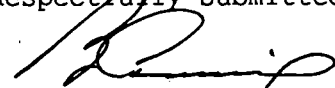
Laboratory Number: 127160

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 07/25/2000 @ 0915
Received: 07/25/2000 @ 1030**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethylbenzene	3.67	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	5.0
Iodomethane	0.50u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.50
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.14
Toluene	0.20	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.04
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.30

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

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

09/07/2000
Page 5 of 5

Laboratory Number: 127160

Project: HCSW
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene on 07/25/2000 @ 0915
Received: 07/25/2000 @ 1030

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	08/03/2000 @ 0000	0.17
Xylenes	14.6	ug/L	EPA 8260	E84098	08/03/2000 @ 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: 07/25/00 @ 0915

Test Site ID #: 4025A

Report Period: 07/01/00 to 12/31/00

Well 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	07/25/00 @ 0915	729. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	07/25/00 @ 0915	6.18 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	07/25/00 @ 0915	0.7 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	07/25/00 @ 0915	26.6 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	07/25/00 @ 0915	Color/Sheen	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	08/10/00 @ 1156	1.24 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	07/25/00 @ 1400	295. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	07/28/00 @ 1429	64. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	08/04/00 @ 1503	72.9 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.1	07/27/00 @ 0850	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	08/16/00 @ 1115	0.07 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	08/07/00 @ 1246	30. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	07/26/00 @ 0904	885. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	08/18/00 @ 1132	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07/31/00 @ 1113	0.032 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	07/28/00 @ 1026	0.25 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	08/31/00 @ 1043	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	07/28/00 @ 1423	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	08/07/00 @ 1600	0.029 mg/L	0.005 mg/L
001037	Cobalt	Bailer	No	EPA 6010	09/07/00 @ 1242	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	08/01/00 @ 1216	0.12 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	07/29/00 @ 1900	0.038 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	07/28/00 @ 1510	0.04 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	08/09/00 @ 1242	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	08/03/00 @ 1701	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	08/19/00 @ 1007	0.005 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	09/07/00 @ 1242	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	08/02/00 @ 1211	0.590 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	08/03/00	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	08/03/00	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 07/25/00 @ 0915

Test Site ID #: 4025A

Report Period: 07/01/00 to 12/31/00

Well 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	08/03/00	0.15 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	08/03/00	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	08/03/00	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	08/03/00	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	08/03/00	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	08/03/00	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	08/03/00	< 0.04 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	08/03/00	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	08/03/00	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	08/03/00	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	08/03/00	< 0.50 ug/L	0.50 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 8260	08/03/00	< 0.50 ug/L	0.50 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	08/03/00	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	08/03/00	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	08/03/00	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	08/03/00	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	08/03/00	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	08/03/00	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	08/03/00	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	08/03/00	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	08/03/00	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	08/03/00	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	08/03/00	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	08/03/00	3.67 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	08/03/00	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	08/03/00	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	08/03/00	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	08/03/00	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	08/03/00	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	08/03/00	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	08/03/00	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	08/03/00	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	08/03/00	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	08/03/00	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	08/03/00	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	08/03/00	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 07/25/00 @ 0915Test Site ID #: 4025AReport Period: 07/01/00 to 12/31/00Well 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	03/08/00	0.20 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	03/08/00	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	03/08/00	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	03/08/00	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	03/08/00	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	03/08/00	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	03/08/00	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	03/08/00	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	03/08/00	14.6 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES
10405 US 27 S
SEBRING, FL 33870
(863) 655-4022 (800) 833-4022
FAX: (863) 655-5820

LABORATORY ANALYSES				
1/2 GAL	250 ML	1 LITER		
		• Se/GF	• Pb/GF	250 ML
		• As/H	• Hg	Comp
		• Ba	• Se/GF	V
		• Bi/GF	• Ni	
• ALK	• NH ₄	• Cd	• Ag	
• TDS	• NH ₃	• Cr/GF	• Na	4 VIALS
• CL	• NO ₂	• Cu	• Ti	APP 1
• NO ₂	• NO ₃	• Fe	• Zn	ORGANIC

SAMPLER'S NAME: (PLEASE PRINT) JENNIFER 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
72541-8	LEACHATE	7-25-00	0915	WW		X	127160	8

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:
1			7-25-00	1030

CHAIN OF CUSTODY AND TRANSMITTAL FORM

HCSW 10-11-99

#15139



685 AIRPORT ROAD
WAUCHULA, FL 33873-8663
PHONE: (863) 773-5080
FAX: (863) 773-3907

38414
Leachate

JTM
11/10/00

Hardee County Solid Waste Department

July 24, 2000

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
Annual Leachate Sampling (40 CFR, I & II)
Methane Monitoring
Groundwater Elevations
QA Plan

RECEIVED
JUL 26 2000

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

Dear Ms. Amram:

Enclosed for your review is the above referenced. Please note at the time of Leachate Sampling, there was no water in the ditch, we have called them back to do another sample so when we get the results we will forward them to you. Should you have any questions feel free to contact me.

Sincerely,

Janice Williamson
Solid Waste Superintendent

Cc: Chongman Lee - DEP, Tallahassee

Andy Maddox- COW, Waste Water Treatment Plant (Leachate Only)

Printed on Recycled Paper

SHORT ENVIRONMENTAL LABORATORIES
10405 US 27 S
SEBRING, FL 33870
(863) 655-4022 (800) 833-4022
FAX: (863) 655-5820

LABORATORY ANALYSES				
1/2 GAL.	250 ML	1 LITER		
		Sb/GF	Pb/GF	250 ML
		As/H	Hg	Co
		Ba	Se/GF	V
		Be/GF	Ni	
		Cd	Ag	
		Cr/GF	Na	2 VIALS
		Cu	Ti	APP I
		Fe	Zn	ORGANIC

SAMPLER'S NAME (PLEASE PRINT) JEFF R 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	
	LEACHATE	6-5-00	1540	WW		X	NO H ₂ O	6	

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

YES	NO

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

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 1 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

FEB 04 2000

SOUTHWEST DISTRICT
TAMPA

REPORT OF ANALYSIS

FIELD DATA

Temperature 25.4 deg. C
pH 6.14 S.U.
Conductivity 444. umho/cm
Dissolved Oxygen 3.80 mg/L
Color & Sheen C&S

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	282.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Alkalinity	70.	mg/L	EPA 310.1	T. Heath	12/08/1999 @ 1509	0.5
Chloride	31.	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Cyanide	0.005u	mg/L	EPA 335.3	D. Morton	12/10/1999 @ 0649	0.005
Sulfide	0.74	mg/L	EPA 376.1	D. Murto	12/11/1999 @ 1600	
Ammonia Nitrogen (NH3-N)	4.98	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.02	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.03	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.05	mg/L	EPA 353.2	D. Morton	01/03/2000 @ 0832	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	12/26/1999 @ 1536	0.003
Arsenic	0.006	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.03	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/27/2000
Page 2 of 13

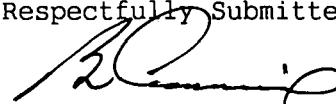
Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	12/29/1999 @ 1103	0.001
Cadmium	0.002u	mg/L	EPA 213.1	D. Murto	12/31/1999 @ 1557	0.002
Chromium	0.006	mg/L	EPA 218.2	D. Murto	12/24/1999 @ 1514	0.005
Cobalt	0.05u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.05
Copper	0.01u	mg/L	EPA 220.1	D. Murto	01/01/2000 @ 1715	0.01
Iron	27.7	mg/L	EPA 236.1	D. Murto	01/09/2000 @ 1404	0.02
Lead	0.001u	mg/L	EPA 239.2	D. Murto	12/21/1999 @ 1237	0.001
Mercury	0.001u	mg/L	EPA 245.1	D. Morton	12/14/1999 @ 1805	0.001
Nickel	0.01	mg/L	EPA 249.1	D. Murto	01/01/2000 @ 1230	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	12/23/1999 @ 1129	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	12/28/1999 @ 1254	0.001
Sodium	17.	mg/L	EPA 273.1	D. Murto	01/04/2000 @ 1226	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Tin	0.10u	mg/L	EPA 6010	E84098	12/21/1999 @ 1253	0.10
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.10
Zinc	0.010	mg/L	EPA 289.1	D. Murto	12/31/1999 @ 1740	0.002
Dibromochloropropane	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 2030	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 2030	0.01
Aldrin	0.004u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.004

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 3 of 13

Laboratory Number: 115375

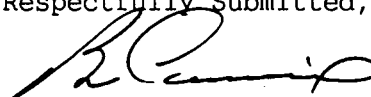
Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chlordane	0.02u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.02
Dieldrin	0.004u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.004
Endosulfan I	0.014u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.014
Endosulfan II	0.004u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.004
Endosulfan sulfate	0.03u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.03
Endrin	0.006u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.006
Endrin aldehyde	0.023u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.023
Heptachlor	0.003u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.003
Heptachlor epoxide	0.010u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.010
Methoxychlor	0.050u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.050
PCBs	0.50u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.50
Toxaphene	0.20u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.20
A-BHC	0.003u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.003
B-BHC	0.006u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.006
D-BHC	0.009u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.009
G-BHC (Lindane)	0.004u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.004
4,4-DDD	0.011u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.011
4,4-DDE	0.004u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.004
4,4-DDT	0.012u	ug/L	EPA 608	E84098	01/03/2000 @ 0000	0.012

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/27/2000
Page 4 of 13

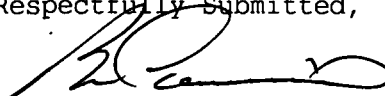
Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Dinoseb	0.20u	ug/L	EPA 8150	E84098	01/08/2000 @ 0000	0.20
2,4-D	0.20u	ug/L	EPA 8150	E84098	01/08/2000 @ 0000	0.20
Silvex (2,4,5-TP)	0.10u	ug/L	EPA 8150	E84098	01/08/2000 @ 0000	0.10
2,4,5-T	0.20u	ug/L	EPA 8150	E84098	01/08/2000 @ 0000	0.20
Acetone	2.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	2.5
Acetonitrile	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Acrolein	1.70u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.70
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.50
Allyl chloride	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
Benzene	2.12	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.08
Bromoform	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
Carbon disulfide	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Carbon tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.21
Chlorobenzene	6.81	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.10
Chloroform	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
Chloroprene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

RECEIVED
FEB 04 2000

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870
(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516

Department of Environmental Protection
SOUTHWEST DISTRICT
BY (941) 655-4022

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

01/27/2000
Page 5 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

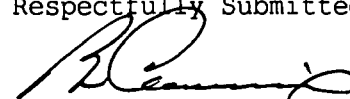
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.05
1,2-Dibromo-3-chloropropane	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
1,2-Dibromomethane	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
1,3-Dichlorobenzene	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
1,4-Dichlorobenzene	3.06	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
trans-1,4-Dichloro-2-butene	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Dichlorodifluoromethane	0.10u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.10
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
1,3-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
2,2-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
1,1-Dichloropropene	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 6 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethylbenzene	0.29	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
Ethyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Isobutyl alcohol	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Methacrylonitrile	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Methyl bromide	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
Methyl Chloride	0.13u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.13
Methyl ethyl ketone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Methyl iodide	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
Methyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.50
4-Methyl-2-pentanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Methylene bromide	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Methylene chloride	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
Propionitrile	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Styrene	1.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.14
Toluene	0.65	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/27/2000
Page 7 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.08
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Vinyl acetate	10.u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.
Vinyl chloride	0.17u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.17
Xylene (total)	3.61	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
4-Chloro-3-methylphenol	3.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.0
2-Chlorophenol	3.3u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.3
m-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.5
o-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.5
p-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.5
2,4-Dichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.7
2,6-Dichlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
2,4-Dimethylphenol	2.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.7
4,6-Dinitro-o-cresol	9.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	9.5
2,4-Dinitrophenol	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
2-Nitrophenol	3.6u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.6

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/27/2000
Page 8 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
4-Nitrophenol	2.4u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.4
Pentachlorophenol	1.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.0
Phenol	1.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.5
2,3,4,6-Tetrachlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
2,4,5-Trichlorophenol	3.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.9
2,4,6-Trichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.7
Acenaphthene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Acenaphthylene	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Acetophenone	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
2-Acetylaminofluorene	7.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	7.5
4-Aminobiphenyl	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Anthracene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Benzo (A) anthracene	3.1u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.1
Benzo (B) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Benzo (K) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Benzo (GHI) perylene	4.1u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	4.1
Benzo (A) pyrene	0.1u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	0.1
Benzyl alcohol	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Bis (2-chloroethoxy) methane	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 9 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

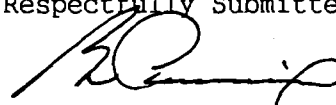
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bis (2-chloroethyl) ether	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Bis (2-chloroisopropyl) ether	5.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.7
Bis (2-ethylhexyl) phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
4-Bromophenyl phenyl ether	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Butyl benzyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
p-Chloroaniline	6.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	6.0
Chlorobenzilate	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
2-Chloronaphthalene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
4-Chlorophenyl phenyl ether	4.2u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	4.2
Chrysene	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Diallate	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Dibenz (A,H) anthracene	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Dibenzofuran	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Di-n-butyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
3,3-Dichlorobenzidine	3.2u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.2
Diethyl phthalate	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Thionazin	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Dimethoate	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
p-(Dimethylamino) azobenzene	6.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	6.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/27/2000
Page 10 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
7,12-Dimethylbenz(A)anthracene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
3,3-Dimethylbenzidine	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Dimethyl phthalate	1.6u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.6
1,3-Dinitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
2,4-Dinitrotoluene	5.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.7
2,6-Dinitrotoluene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Di-n-octyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.5
Diphenylamine	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Disulfoton	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Ethyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Famphor	20.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	20.
Fluoranthene	2.2u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.2
Fluorene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Hexachlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Hexachlorobutadiene	0.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	0.9
Hexachlorocyclopentadiene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Hexachloroethane	1.6u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.6
Hexachloropropene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Indeno (1,2,3-CD) pyrene	3.7u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.7

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 11 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Isodrin	6.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	6.0
Isophorone	2.2u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.2
Isosafrole	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Kepone	30.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	30.
Methapyrilene	30.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	30.
3-Methylchloranthrene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Methyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
2-Methylnaphthalene	2.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	2.0
Methyl parathion	15.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	15.
Naphthalene	1.6u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.6
1,4-Naphthoquinone	7.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	7.5
1-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
2-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
2-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	20.
3-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	20.
4-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	20.
Nitrobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
n-Nitrosodi-n-butylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
n-Nitrosodiethylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 12 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
n-Nitrosodimethylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
n-Nitrosodiphenylamine	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
n-Nitrosodipropylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
n-Nitrosodimethylethylamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
n-Nitrosopiperidine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
n-Nitrosopyrrolidine	15.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	15.
5-Nitro-o-toluidine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Parathion	15.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	15.
Pentachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
Pentachloronitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Phenacetin	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Phenanthrene	5.4u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.4
p-Phenylenediamine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Phorate	3.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	3.0
Pronamide	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.
Pyrene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Safrole	7.5u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	7.5
1,2,4,5-Tetrachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	5.0
o-Toluidine	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/27/2000
Page 13 of 13

Laboratory Number: 115375

Project: HCSWD
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/E. McCarta on 12/06/1999 @ 1240
Received: 12/06/1999 @ 1510

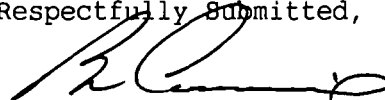
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,2,4-Trichlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
o,o,o-Triethylphosphorothioate	30.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	30.
1,3,5-Nitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	10.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/06/99 @ 1240Test Site ID #: 4025AReport Period: 07/01/99 to 12/31/99Well 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	12/06/99 @ 1240	444. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12/06/99 @ 1240	6.14 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/99 @ 1240	3.8 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12/06/99 @ 1240	25.4 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/99 @ 1240	Color/Sheen NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12/20/99 @ 0853	4.98 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12/08/99 @ 1509	70. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12/28/99 @ 1524	31. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	01/09/00 @ 1404	27.7 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12/14/99 @ 1805	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	01/03/99 @ 0832	0.03 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	01/04/00 @ 1226	17. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/99 @ 0852	282. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12/26/99 @ 1536	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	01/07/00 @ 1753	0.006 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	01/12/00 @ 1647	0.03 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12/29/99 @ 1103	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12/31/99 @ 1557	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.2	12/24/99 @ 1514	0.006 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	01/01/00 @ 1715	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12/21/99 @ 1237	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	01/01/00 @ 1230	0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12/23/99 @ 1129	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12/28/99 @ 1254	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12/27/99 @ 1738	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12/31/99 @ 1740	0.010 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12/20/99	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12/20/99	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/99 @ 1240

Test Site ID #: 4025A

Report Period: 07/01/99 to 12/31/99

Well 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	12/20/99	2.12 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12/20/99	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12/20/99	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12/20/99	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12/20/99	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12/20/99	6.81 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12/20/99	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12/20/99	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 504	12/20/99	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	12/20/99	< 0.01 ug/L	0.01 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12/20/99	3.06 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12/20/99	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12/20/99	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12/20/99	0.29 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12/20/99	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12/20/99	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12/20/99	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12/20/99	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12/20/99	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12/20/99	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/99 @ 1240

Test Site ID #: 4025A

Report Period: 07/01/99 to 12/31/99

Well 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	12/20/99	0.34 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12/20/99	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12/20/99	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12/20/99	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12/20/99	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12/20/99	3.61 ug/L	0.11 ug/L

ANNUAL

SHORT ENVIRONMENTAL LABORATORIES

10405 US 27 S

SEBRING, FL 33870

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

FAX: (863) 655-5820

LABORATORY ANALYSES											
10-0-CL	250 ML	1 LITER		1 LITER	4 VIALS						
				H2S	DW PEST						
					504						
		SW/GF	Pb/GF		1 LITER						
		As/HV	Hg		CN						
		Ba	Se/GF								
		Be/GF	Ni								
ALK	NH4	Cd	Ag	250 ML							
TDS	NH3	Cr/GF	Na	Co	4 LITERS						
CL	NO2	Co	Ti	V	GLASS						
NO2	NO3	Fe	Zn	Sn	APT II						

SAMPLER'S NAME (PLEASE PRINT) J FINN/R GREENE PROJECT NAME HARDEE COUNTY SOLID WASTE DEPARTMENT #77

SAMPLER'S SIGNATURE [Signature] PROJECT HARDEE COUNTY LOCATION LANDFILL

FIELD ID SAMPLE ID DATE TIME SAMP WELL GRAB LABORATORY ID# # OF CONT

3126 G1-14 LEACHATE 12-6-99 1240 WW X 115876 12

NUTRIENT CONTAINERS PRESERVED, H2SO4

METALS CONTAINER PRESERVED, HNO3

VIALS PRESERVED, HCL

Ca/H2S PRESERVED, NaOH/Zn(AC)

ICED TO 4 DEGREES C

YES	NO
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐

SAMPLE QTY:	RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
1	[Signature]	Z. West	12-6-99	1510

CHAIN OF CUSTODY AND TRANSMITTAL FORM

HCSW2 10-11-99

11796

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

3844
JRM
11/18/00

07-21-99

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

Dear Mr. Prestridge:

This letter serves as documentation that the surface water at location SW-1 and the leachate sampling point at manhole 1 were dry on the sampling date of June 1, 1999.

Next scheduled sample collection event is December 1999.

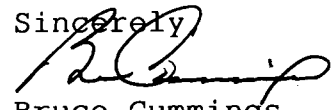
If you have any questions or require further information, please contact me.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

AUG 12 1999

SOUTHWEST DISTRICT
TAMPA

Sincerely


Bruce Cummings
Laboratory Director

38414

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

Rec'd
1-27-99For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 1 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

FIELD DATA

Temperature 26.4 deg. C
pH 5.83 S.U.
Conductivity 550. umho/cm
Dissolved Oxygen 2.6 mg/L
Color & Sheen Color/Sh

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	338.	mg/L	EPA 160.1	W. Smith	12/15/1998 @ 0915	10.
Alkalinity	220.	mg/L	EPA 310.1	W. Smith	12/09/1998 @ 0911	0.5
Chloride	34.	mg/L	EPA 325.3	W. Smith	12/28/1998 @ 0900	0.5
Cyanide	0.005u	mg/L	EPA 335.3	J. Gwaltney	12/14/1998 @ 0946	0.005
Sulfide	2.49	mg/L	EPA 376.1	J. Gwaltney	12/15/1998 @ 0933	
Ammonia Nitrogen (NH3-N)	5.59	mg/L	EPA 350.1	J. Gwaltney	12/21/1998 @ 1035	0.04
Ammonium Nitrogen (NH4-N)	5.59	mg/L	Calc.	A. Mitchell	01/09/1999 @ 0736	0.005
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	J. Gwaltney	12/09/1998 @ 0900	0.01
Nitrate Nitrogen (NO3-N)	0.04	mg/L	Calc.	A. Mitchell	01/09/1999 @ 0736	0.02
Nitrate + Nitrite N (NO2+NO3)	0.04	mg/L	EPA 353.2	J. Gwaltney	12/30/1998 @ 0900	0.02
Antimony	0.003u	mg/L	EPA 204.2	D. Murto	12/22/1998 @ 1237	0.003
Arsenic	0.008	mg/L	EPA 206.3	D. Morton	12/16/1998 @ 0939	0.005

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 2 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Barium	0.04	mg/L	EPA 208.1	D. Murto	12/22/1998 @ 1230	0.02
Beryllium	0.001u	mg/L	EPA 210.2	D. Murto	12/18/1998 @ 1643	0.001
Cadmium	0.002u	mg/L	EPA 213.1	D. Murto	12/29/1998 @ 1025	0.002
Chromium	0.02u	mg/L	EPA 218.1	D. Murto	12/18/1998 @ 1450	0.02
Cobalt	0.05u	mg/L	EPA 6010	E84098	12/17/1998 @ 1540	0.05
Copper	0.01u	mg/L	EPA 220.1	D. Murto	12/28/1998 @ 1559	0.01
Iron	22.4	mg/L	EPA 236.1	D. Murto	12/17/1998 @ 1913	0.02
Lead	0.001u	mg/L	EPA 239.2	D. Murto	12/22/1998 @ 1000	0.001
Mercury	0.001u	mg/L	EPA 245.2	D. Morton	12/21/1998 @ 1153	0.001
Nickel	0.01u	mg/L	EPA 249.1	D. Murto	12/30/1998 @ 1517	0.01
Selenium	0.005u	mg/L	EPA 270.2	D. Murto	12/20/1998 @ 1154	0.005
Silver	0.001u	mg/L	EPA 272.2	D. Murto	12/31/1998 @ 1154	0.001
Sodium	18.	mg/L	EPA 273.1	D. Morton	12/09/1998 @ 1108	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/19/1998 @ 1832	0.002
Tin	0.10u	mg/L	EPA 6010	E84098	01/15/1999 @ 0940	0.10
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/17/1998 @ 1641	0.10
Zinc	0.002	mg/L	EPA 289.1	D. Murto	12/29/1998 @ 1021	0.002
Dibromochloropropane	0.01u	ug/L	EPA 504	84183	12/18/1998 @ 0000	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504	84183	12/18/1998 @ 0000	0.01

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 3 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

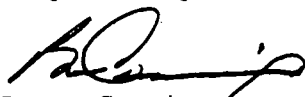
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Aldrin	0.004u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.004
Chlordane	0.02u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.02
Dieldrin	0.004u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.004
Endosulfan I	0.014u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.014
Endosulfan II	0.004u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.004
Endosulfan sulfate	0.03u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.03
Endrin	0.006u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.006
Endrin aldehyde	0.023u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.023
Heptachlor	0.003u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.003
Heptachlor epoxide	0.010u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.010
Methoxychlor	0.050u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.050
PCBs	0.50u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.50
Toxaphene	0.20u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.20
A-BHC	0.003u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.003
B-BHC	0.006u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.006
D-BHC	0.009u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.009
G-BHC (Lindane)	0.004u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.004
4,4-DDD	0.011u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.011
4,4-DDE	0.004u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.004

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/21/1999
Page 4 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

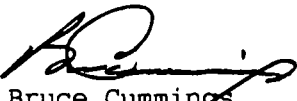
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
4,4-DDT	0.012u	ug/L	EPA 608	E84098	12/16/1998 @ 0000	0.012
Dinoseb	0.20u	ug/L	EPA 8150	E84098	12/31/1998 @ 0000	0.20
2,4-D	0.20u	ug/L	EPA 8150	E84098	12/31/1998 @ 0000	0.20
Silvex (2,4,5-TP)	0.10u	ug/L	EPA 8150	E84098	12/31/1998 @ 0000	0.10
2,4,5-T	0.20u	ug/L	EPA 8150	E84098	12/31/1998 @ 0000	0.20
Acetone	2.5u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	2.5
Acetonitrile	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Acrolein	1.70u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	1.70
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	1.50
Allyl chloride	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
Benzene	2.93	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.08
Bromoform	0.12u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.12
Carbon disulfide	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
Carbon tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.21
Chlorobenzene	5.35	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.10
Chloroform	0.03u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.03

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 5 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

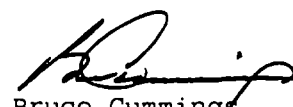
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chloroprene	0.03u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.05
1,2-Dibromo-3-chloropropane	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
1,2-Dibromomethane	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.03
1,3-Dichlorobenzene	0.12u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.12
1,4-Dichlorobenzene	2.73	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.03
trans-1,4-Dichloro-2-butene	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Dichlorodifluoromethane	0.10u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.10
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
1,3-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
2,2-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
1,1-Dichloropropene	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.05

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 6 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

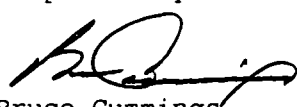
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
Ethylbenzene	0.11	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.06
Ethyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
Isobutyl alcohol	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Methacrylonitrile	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Methyl bromide	0.11u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.11
Methyl Chloride	0.13u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.13
Methyl ethyl ketone	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
Methyl iodide	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
Methyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.50
4-Methyl-2-pentanone	5.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	5.0
Methylene bromide	0.30u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.30
Methylene chloride	0.03u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.03
Propionitrile	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Styrene	1.0u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.14

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/21/1999
Page 7 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

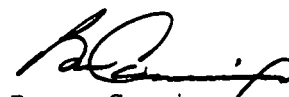
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Toluene	0.34	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.11
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.08
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.30
Vinyl acetate	10.u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	10.
Vinyl chloride	0.17u	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.17
Xylene (total)	1.23	ug/L	EPA 8260	E84098	12/17/1998 @ 0000	0.11
4-Chloro-3-methylphenol	3.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.0
2-Chlorophenol	3.3u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.3
m-Cresol	3.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.5
o-Cresol	3.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.5
p-Cresol	3.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.5
2,4-Dichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.7
2,6-Dichlorophenol	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
2,4-Dimethylphenol	2.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.7
4,6-Dinitro-o-cresol	9.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	9.5
2,4-Dinitrophenol	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 8 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
2-Nitrophenol	3.6u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.6
4-Nitrophenol	2.4u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.4
Pentachlorophenol	3.6u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.6
Phenol	1.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.5
2,3,4,6-Tetrachlorophenol	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
2,4,5-Trichlorophenol	3.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.9
2,4,6-Trichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.7
Acenaphthene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Acenaphthylene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Acetophenone	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
2-Acetylaminofluorene	7.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	7.5
4-Aminobiphenyl	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Anthracene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Benzo (A) anthracene	3.1u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.1
Benzo (B) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Benzo (K) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Benzo (GHI) perylene	4.1u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	4.1
Benzo (A) pyrene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Benzyl alcohol	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/21/1999
Page 9 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bis (2-chloroethoxy) methane	5.3u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.3
Bis (2-chloroethyl) ether	5.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.7
Bis (2-chloroisopropyl) ether	5.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.7
Bis (2-ethylhexyl) phthalate	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
4-Bromophenyl phenyl ether	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Butyl benzyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
p-Chloroaniline	6.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	6.0
Chlorobenzilate	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
2-Chloronaphthalene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
4-Chlorophenyl phenyl ether	4.2u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	4.2
Chrysene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Diallate	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Dibenz (A,H) anthracene	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Dibenzofuran	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Di-n-butyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
3,3-Dichlorobenzidine	3.2u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.2
Diethyl phthalate	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Thionazin	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Dimethoate	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 10 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
p-(Dimethylamino) azobenzene	6.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	6.0
7,12-Dimethylbenz(A)anthracene	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
3,3-Dimethylbenzidine	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Dimethyl phthalate	1.6u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.6
1,3-Dinitrobenzene	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
2,4-Dinitrotoluene	5.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.7
2,6-Dinitrotoluene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Di-n-octyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.5
Diphenylamine	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Disulfoton	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Ethyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Famphor	20.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	20.
Fluoranthene	2.2u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.2
Fluorene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Hexachlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Hexachlorobutadiene	0.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	0.9
Hexachlorocyclopentadiene	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Hexachloroethane	1.6u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.6
Hexachloropropene	3.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.7

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 11 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Indeno (1,2,3-CD) pyrene	3.7u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.7
Isodrin	6.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	6.0
Isophorone	2.2u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.2
Isosafrole	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Kepone	30.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	30.
Methapyrilene	30.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	30.
3-Methylchloranthrene	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Methyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
2-Methylnaphthalene	2.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	2.0
Methyl parathion	15.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	15.
Naphthalene	1.6u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.6
1,4-Naphthoquinone	7.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	7.5
1-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
2-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
2-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	20.
3-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	20.
4-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	20.
Nitrobenzene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
n-Nitrosodi-n-butylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/21/1999
Page 12 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

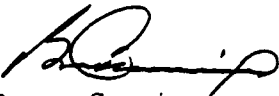
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
n-Nitrosodiethylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
n-Nitrosodimethylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
n-Nitrosodiphenylamine	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
n-Nitrosodipropylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
n-Nitrosodimethylethylamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
n-Nitrosopiperidine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
n-Nitrosopyrrolidine	15.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	15.
5-Nitro-o-toluidine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Parathion	15.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	15.
Pentachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0
Pentachloronitrobenzene	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Phenacetin	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Phenanthrene	5.4u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.4
p-Phenylenediamine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Phorate	3.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	3.0
Pronamide	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
Pyrene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
Safrole	7.5u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	7.5
1,2,4,5-Tetrachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/21/1999
Page 13 of 13

Laboratory Number: 95529

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: R. Greene/J. Finn on 12/08/1998 @ 1400
Received: 12/08/1998 @ 1540

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
o-Toluidine	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.
1,2,4-Trichlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	1.9
o,o,o-Triethylphosphorothioate	30.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	30.
1,3,5-Nitrobenzene	10.u	ug/L	EPA 8270	E84098	01/05/1999 @ 0000	10.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/08/98 @ 1400

Test Site ID #: 4025A

Report Period: 07/01/98 to 12/31/98

Well 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	12/08/98 @ 1400	550. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12/08/98 @ 1400	5.83 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/08/98 @ 1400	2.6 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12/08/98 @ 1400	26.4 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12/08/98 @ 1400	Color/Sheen NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12/21/98 @ 1035	5.59 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12/09/98 @ 0911	220. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12/28/98 @ 0900	34. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12/17/98 @ 1913	22.4 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12/21/98 @ 1153	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12/30/98 @ 0900	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12/09/98 @ 1108	18. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/15/98 @ 0915	338. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12/22/98 @ 1237	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12/16/98 @ 0939	0.008 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12/22/98 @ 1230	0.04 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12/18/98 @ 1643	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12/29/98 @ 1025	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12/18/98 @ 1450	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12/17/98 @ 1540	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12/28/98 @ 1559	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12/22/98 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12/30/98 @ 1517	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12/20/98 @ 1154	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12/31/98 @ 1154	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12/19/98 @ 1832	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12/17/98 @ 1641	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12/29/98 @ 1021	0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12/17/98	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12/17/98	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/98 @ 1400Test Site ID #: 4025AReport Period: 07/01/98 to 12/31/98Well 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	12/17/98	2.93 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12/17/98	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12/17/98	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12/17/98	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12/17/98	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12/17/98	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12/17/98	5.35 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12/17/98	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12/17/98	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12/17/98	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 504	12/17/98	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	12/17/98	< 0.01 ug/L	0.01 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12/17/98	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12/17/98	2.73 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12/17/98	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12/17/98	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/17/98	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12/17/98	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/17/98	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/17/98	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12/17/98	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12/17/98	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12/17/98	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12/17/98	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12/17/98	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12/17/98	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12/17/98	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12/17/98	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12/17/98	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12/17/98	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12/17/98	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12/17/98	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12/17/98	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12/17/98	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12/17/98	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12/17/98	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/98 @ 1400Test Site ID #: 4025AReport Period: 07/01/98 to 12/31/98Well 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	12/17/98	0.34 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/17/98	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12/17/98	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12/17/98	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12/17/98	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12/17/98	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12/17/98	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12/17/98	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12/17/98	1.23 ug/L	0.11 ug/L

38414

JRM

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge06/26/98
Page 1 of 5

Rec'd

7-9-98

Laboratory Number: 85432

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/ R. Greene on 06/01/98 @ 1640
Received: 06/01/98 @ 1740

REPORT OF ANALYSIS

FIELD DATA

Temperature 27.4 deg. C
pH 5.67 S.U.
Conductivity 318. umho/cm
Dissolved Oxygen 1.7 mg/L
Color & Sheen Color

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	196.	mg/L	EPA 160.1	B. Hatton	06/05/98 @ 1500	10.
Alkalinity	78.	mg/L	EPA 310.1	B. Hatton	06/02/98 @ 1030	0.5
Chloride	19.	mg/L	EPA 325.3	B. Hatton	06/03/98 @ 1130	0.5
Ammonia Nitrogen (NH3-N)	1.19	mg/L	EPA 350.1	D. Morton	06/03/98 @ 1112	0.04
Nitrite Nitrogen (NO2-N)	0.08	mg/L	EPA 354.1	D. Morton	06/02/98 @ 1345	0.01
Nitrate Nitrogen (NO3-N)	2.98	mg/L	Calc.	B. Cummings	06/26/98 @ 1345	0.02
Nitrate + Nitrite N (NO2+NO3)	3.06	mg/L	EPA 353.2	D. Morton	06/22/98 @ 1002	0.02
Antimony	0.003u	mg/L	EPA 204.2	R. Stephens	06/15/98 @ 1109	0.003
Arsenic	0.005u	mg/L	EPA 206.3	R. Stephens	06/23/98 @ 1700	0.005
Barium	0.03	mg/L	EPA 208.1	R. Stephens	06/12/98 @ 1530	0.02
Beryllium	0.001u	mg/L	EPA 210.2	R. Stephens	06/24/98 @ 1120	0.001
Cadmium	0.002u	mg/L	EPA 213.1	R. Stephens	06/12/98 @ 1144	0.002

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge06/26/98
Page 2 of 5

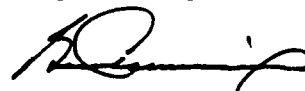
Laboratory Number: 85432

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/ R. Greene on 06/01/98 @ 1640
Received: 06/01/98 @ 1740**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chromium	0.02u	mg/L	EPA 218.1	R. Stephens	06/18/98 @ 1034	0.02
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/05/98 @ 1519	0.05
Copper	0.01u	mg/L	EPA 220.1	R. Stephens	06/17/98 @ 1146	0.01
Iron	5.18	mg/L	EPA 236.1	R. Stephens	06/18/98 @ 1410	0.01
Lead	0.003	mg/L	EPA 239.2	R. Stephens	06/19/98 @ 1041	0.001
Mercury	0.001u	mg/L	EPA 245.2	R. Stephens	06/10/98 @ 1720	0.001
Nickel	0.01u	mg/L	EPA 249.1	R. Stephens	06/22/98 @ 1423	0.01
Selenium	0.005u	mg/L	EPA 270.2	R. Stephens	06/11/98 @ 1457	0.005
Silver	0.001u	mg/L	EPA 272.2	R. Stephens	06/12/98 @ 1142	0.001
Sodium	11.	mg/L	EPA 273.1	R. Stephens	06/22/98 @ 1426	1.0
Thallium	0.002u	mg/L	EPA 279.2	R. Stephens	06/24/98 @ 1635	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	06/05/98 @ 0000	0.10
Zinc	0.004	mg/L	EPA 289.1	R. Stephens	06/19/98 @ 1009	0.002
Dibromochloropropane	0.01u	ug/L	EPA 504	E84098	06/05/98 @ 0000	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504	E84098	06/05/98 @ 0000	0.01
Acetone	2.5u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	2.5
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	1.50
Benzene	0.63	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.04
Bromochloromethane	0.5u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.5

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge06/26/98
Page 3 of 5

Laboratory Number: 85432

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/ R. Greene on 06/01/98 @ 1640
Received: 06/01/98 @ 1740

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.12
Carbon Disulfide	5.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	5.0
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.21
Chlorobenzene	0.25	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.5u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.5
1,2-Dibromoethane	0.5u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.5
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	10.0
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.12
cis-1,2-Dichloroethene	0.1u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.1
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	06/05/98 @ 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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge06/26/98
Page 4 of 5

Laboratory Number: 85432

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/ R. Greene on 06/01/98 @ 1640
Received: 06/01/98 @ 1740

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.13
Dibromomethane	0.3u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.3
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	5.0
Iodomethane	0.5u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.5
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.1u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.1
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.11
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.08
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.19

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

06/26/98
Page 5 of 5

Laboratory Number: 85432

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/ R. Greene on 06/01/98 @ 1640
Received: 06/01/98 @ 1740

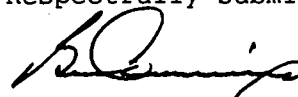
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.08
1,2,3-Trichloropropane	0.3u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.3
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/05/98 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/05/98 @ 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: 06/01/98 @ 1640Test Site ID #: 4025AReport Period: 01/01/98 to 06/30/98Well 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	06/01/98 @ 1640	318. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06/01/98 @ 1640	5.67 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06/01/98 @ 1640	1.7 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	06/01/98 @ 1640	27.4 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06/01/98 @ 1640	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	06/03/98 @ 1112	1.19 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	06/02/98 @ 1030	78. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06/03/98 @ 1130	19. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	06/18/98 @ 1410	5.18 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	06/10/98 @ 1720	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	06/22/98 @ 1002	3.06 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06/22/98 @ 1426	11. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06/05/98 @ 1500	196. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	06/15/98 @ 1109	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	06/23/98 @ 1700	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	06/12/98 @ 1530	0.03 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	06/24/98 @ 1120	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	06/12/98 @ 1144	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	06/18/98 @ 1034	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06/05/98 @ 1519	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06/17/98 @ 1146	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	06/19/98 @ 1041	0.003 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	06/22/98 @ 1423	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	06/11/98 @ 1457	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	06/12/98 @ 1142	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	06/24/98 @ 1635	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06/05/98 @ 0000	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	06/19/98 @ 1009	0.004 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06/05/98	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06/05/98	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/01/98 @ 1640Test Site ID #: 4025AReport Period: 01/01/98 to 06/30/98Well 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	06/05/98	0.63 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06/05/98	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06/05/98	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06/05/98	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06/05/98	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06/05/98	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06/05/98	0.25 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06/05/98	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06/05/98	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06/05/98	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 504	06/05/98	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	06/05/98	< 0.01 ug/L	0.01 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06/05/98	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06/05/98	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06/05/98	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06/05/98	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06/05/98	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06/05/98	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/05/98	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06/05/98	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06/05/98	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06/05/98	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06/05/98	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06/05/98	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06/05/98	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06/05/98	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06/05/98	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06/05/98	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06/05/98	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06/05/98	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06/05/98	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06/05/98	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06/05/98	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06/05/98	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06/05/98	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06/05/98	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/01/98 @ 1640Test Site ID #: 4025AReport Period: 01/01/98 to 06/30/98Well 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	06/05/98	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06/05/98	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06/05/98	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06/05/98	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06/05/98	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06/05/98	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06/05/98	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06/05/98	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06/05/98	< 0.11 ug/L	0.11 ug/L

# OF SAMPLES	RELINQUISHED BY: - <i>Jeffrey Fenn</i>	ACCEPTED BY: <i>[Signature]</i>	DATE <i>6-1-98</i>	TIME <i>1940</i>

SECRET ENVIRONMENTAL LABORATORIES

10405 U.S. 27 South
Gadsden, FL 32307
(913) 555-4022

CHAIN OF CUSTODY
BDC
TRANSMITTAL FORM

LABORATORY ANALYSES

SAMPLERS NAME (Please Print) Jeffery R. Greene		PROJECT NAME HARDEE COUNTY LANDFILL											
SAMPLERS SIGNATURE: <i>Jeffery R. Greene</i>		PROJECT LOCATION: Wauchoke											
FIELD ID	SAMPLE ID	DATE & TIME	SAMPLE TYPE	COMP	GRAB	WELL	LABORATORY ID	OP CONTAINERS	NO ₂ CI TDS	NH ₃ NO ₃ NO ₂	Cu Cr Cd Be & As Na Hg Fe	Co V Zn Ag Tl Sb Se Ni Pb	App II VOC
601A1-5	BMAN12	6-1-98 0945	DW		X		85423	53					
601B1-5	MW-2	6-1-98 1035	GW			X	85425	5					
601C1-5	MW-4	6-1-98 1125	GW			X	85427	5					
601D1-3	MW-4 Dye	6-1-98 1125	GW			X	85428	3					
601E1-5	MW-1	6-1-98 1230	GW			X	85424	5					
601F1-5	MW-5	6-1-98 1320	GW			X	85429	5					
601G1-5	MW-3	6-1-98 1445	GW			X	85426	5					
601H1-5	MW-7	6-1-98 1535	GW			X	85431	5					
601I1-5	MW-6	6-1-98 1620	GW			X	85430	5					

COMMENTS: TA into 0930 TP into 1705

4648

CONTAINERS RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:

10406 U.S. 27 South
Sedding, P. 33870
(813) 655-4022

CERIN OF CUSTODY
3DC
TRANSMITTAL FORM

LABORATORY ANALYSES

[illegible]

Al	As	Co	App I VOC
K	Se	V	
NO ₂	Be	Na	
TDS	Cd	Hg	
CI	Cr	Fe	
	Cu	Pb	
	Pb	Ni	
	Ni	Se	
	Ag	77	
		33	
		3b	

1/2 gal
1.7 hr N
250 S
250 N
250 H

COMMENTS:

4640

CONTAINERS RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY: <i>Jeffrey F. ...</i>	DATE & TIME: 6-1-98 1740	RECEIVED BY: <i>[Signature]</i>	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:

PART III ANALYTICAL RESULTS

Hardee Co leachate
rcd 2/9/98

Facility GMS #: 4025C30001

Sampling Date/Time: 12/08/97 @ 1530

38414

Test Site ID #: 4025A

Report Period: 07/01/97 to 12/31/97

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: [] Background
[] Intermediate
[] Compliance
[x] 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	12-08-97 @ 1530	254. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-00-97 @ 1020	6.34 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-19-96 @ 1020	2.4 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12-08-97 @ 1020	22.9 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-08-97 @ 1020	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-12-97 @ 0900	1.22 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12-10-97 @ 1300	128. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-22-97 @ 1400	10. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	01-02-98 @ 1348	5.56 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-30-97 @ 1226	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-23-97 @ 0949	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-30-97 @ 1235	5.9 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-11-97 @ 1255	174. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-19-97 @ 1026	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	01-06-98 @ 1445	0.006 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	01-07-98 @ 1226	0.03 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-23-97 @ 0859	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-29-97 @ 1238	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-23-97 @ 1509	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-15-97 @ 1204	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-29-97 @ 1244	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-24-97 @ 1102	0.004 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	01-02-98 @ 1350	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-30-97 @ 1242	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-18-97 @ 1347	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-22-97 @ 1020	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-15-97 @ 0000	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	01-05-98 @ 1045	0.005 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-17-97	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-17-97	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/97 @ 1530Test Site ID #: 4025AReport Period: 07/01/97 to 12/31/97Well 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	12-17-97	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12-17-97	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12-17-97	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12-17-97	0.34 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12-17-97	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12-17-97	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12-17-97	2.04 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12-17-97	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12-17-97	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12-17-97	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12-17-97	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12-17-97	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12-17-97	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12-17-97	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESUL

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/97 @ 1530Test Site ID #: 4025AReport Period: 07/01/97 to 12/31/97Well 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	12-17-97	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12-17-97	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12-17-97	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12-17-97	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12-17-97	< 0.11 ug/L	0.11 ug/L

10405 U.S. 27 South
Sebring, Fl 33870
(813) 655-4022

CHAIN OF CUSTODY
and
TRANSMITTAL FORM

1 Gal 250 N
150 S
liter Acc
1 N
500 sum
2 V H

LABORATORY ANALYSES

[illegible]

APPT A
Organics

Co
✓
Sh

COMMENTS:

2595

CONTAINERS RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY: <i>My Fair</i>	DATE & TIME: 12/8/91/610	RECEIVED BY: <i>Samuel</i>	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 1 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****FIELD DATA**

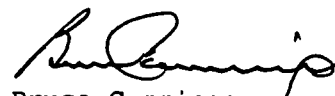
Temperature	22.9	deg. C
pH	6.34	S.U.
Conductivity	254.	umho/cm
Dissolved Oxygen	2.4	mg/L
Color & Sheen	Color	

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	174.	mg/L	EPA 160.1	B. Hatton	12/11/97 @ 1255	10.
Alkalinity	128.	mg/L	EPA 310.1	B. Hatton	12/10/97 @ 1300	0.5
Chloride	10.	mg/L	EPA 325.3	B. Hatton	12/22/97 @ 1400	0.5
Cyanide	0.005u	mg/L	EPA 335.3	D. Morton	12/17/97 @ 1512	0.005
Sulfide	0.37	mg/L	EPA 376.1	R. Stephens	12/12/97 @ 1651	
Ammonia Nitrogen (NH3-N)	1.22	mg/L	EPA 350.1	D. Morton	12/12/97 @ 0900	0.04
Ammonium Nitrogen (NH4-N)	1.22	mg/L	Calc.	B. Cummings	01/26/98 @ 1430	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/10/97 @ 0746	0.01
Nitrate Nitrogen (NO3-N)	0.04	mg/L	Calc.	B. Cummings	01/26/98 @ 1430	0.02
Nitrate + Nitrite N (NO2+NO3)	0.04	mg/L	EPA 353.2	D. Morton	12/23/97 @ 0949	0.02
Antimony	0.003u	mg/L	EPA 204.2	R. Stephens	12/19/97 @ 1026	0.003
Arsenic	0.006	mg/L	EPA 206.3	R. Stephens	01/06/98 @ 1445	0.005

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 2 of 13

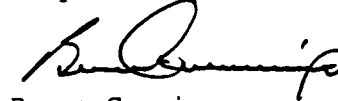
Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Barium	0.03	mg/L	EPA 208.1	R. Stephens	01/07/98 @ 1226	0.02
Beryllium	0.001u	mg/L	EPA 210.2	R. Stephens	12/23/97 @ 0859	0.001
Cadmium	0.002u	mg/L	EPA 213.1	R. Stephens	12/29/97 @ 1238	0.002
Chromium	0.02u	mg/L	EPA 218.1	R. Stephens	12/23/97 @ 1509	0.02
Cobalt	0.05u	mg/L	EPA 6010	E84098	12/15/97 @ 1204	0.05
Copper	0.01u	mg/L	EPA 220.1	R. Stephens	12/29/97 @ 1244	0.01
Iron	5.56	mg/L	EPA 236.1	R. Stephens	01/02/98 @ 1348	0.01
Lead	0.004	mg/L	EPA 239.2	R. Stephens	12/24/97 @ 1102	0.001
Mercury	0.001u	mg/L	EPA 245.2	R. Stephens	12/30/97 @ 1226	0.001
Nickel	0.01u	mg/L	EPA 249.1	R. Stephens	01/02/98 @ 1350	0.01
Selenium	0.005u	mg/L	EPA 270.2	R. Stephens	12/30/97 @ 1242	0.005
Silver	0.001u	mg/L	EPA 272.2	R. Stephens	12/18/97 @ 1347	0.001
Sodium	5.9	mg/L	EPA 273.1	R. Stephens	12/30/97 @ 1235	1.0
Thallium	0.002u	mg/L	EPA 279.2	R. Stephens	12/22/97 @ 1020	0.002
Tin	0.10u	mg/L	EPA 6010	E84098	12/19/97 @ 0942	0.10
Vanadium	BDL	mg/L	EPA 6010	84183	12/15/97 @ 0000	0.10
Zinc	0.005	mg/L	EPA 289.1	R. Stephens	01/05/98 @ 1045	0.002
Aldrin	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Chlordane	0.02u	ug/L	EPA 608	E84098	12/18/97 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 3 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Dieldrin	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Endosulfan I	0.014u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.014
Endosulfan II	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Endosulfan sulfate	0.03u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.03
Endrin	0.006u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.006
Endrin aldehyde	0.023u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.023
Heptachlor	0.003u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.003
Heptachlor epoxide	0.010u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.010
Methoxychlor	0.050u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.050
PCBs	0.50u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.50
Toxaphene	0.20u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.20
A-BHC	0.003u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.003
B-BHC	0.006u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.006
D-BHC	0.009u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.009
G-BHC (Lindane)	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
4,4-DDD	0.011u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.011
4,4-DDE	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
4,4-DDT	0.012u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.012
Dinoseb	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 4 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
2,4-D	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20
Silvex (2,4,5-TP)	0.10u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.10
2,4,5-T	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20
Acetone	2.5u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	2.5
Acetonitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Acrolein	1.70u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.70
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.50
Allyl chloride	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Benzene	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08
Bromoform	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
Carbon disulfide	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Carbon tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.21
Chlorobenzene	0.34	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
Chloroform	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Chloroprene	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.05

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 5 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,2-Dibromo-3-chloropropane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
1,2-Dibromomethane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
1,3-Dichlorobenzene	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
1,4-Dichlorobenzene	2.04	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
trans-1,4-Dichloro-2-butene	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Dichlorodifluoromethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
1,3-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
2,2-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
1,1-Dichloropropene	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 6 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Isobutyl alcohol	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Methacrylonitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Methyl bromide	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
Methyl Chloride	0.13u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.13
Methyl ethyl ketone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Methyl iodide	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Methyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
4-Methyl-2-pentanone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Methylene bromide	0.30u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.30
Methylene chloride	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Propionitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Styrene	1.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 7 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**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	12/17/97 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.30
Vinyl acetate	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Vinyl chloride	0.17u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.17
Xylene (total)	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
4-Chloro-3-methylphenol	3.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.0
2-Chlorophenol	3.3u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.3
m-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
o-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
p-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
2,4-Dichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
2,6-Dichlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2,4-Dimethylphenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
4,6-Dinitro-o-cresol	9.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	9.5
2,4-Dinitrophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2-Nitrophenol	3.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.6
4-Nitrophenol	2.4u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.4

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

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

(941) 655-4022

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

01/26/98
Page 8 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Pentachlorophenol	3.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.6
Phenol	1.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.5
2,3,4,6-Tetrachlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2,4,5-Trichlorophenol	3.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.9
2,4,6-Trichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
Acenaphthene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Acenaphthylene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Acetophenone	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2-Acetylaminofluorene	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
4-Aminobiphenyl	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Anthracene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Benzo (A) anthracene	3.1u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.1
Benzo (B) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzo (K) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzo (GHI) perylene	4.1u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	4.1
Benzo (A) pyrene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzyl alcohol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Bis (2-chloroethoxy) methane	5.3u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.3
Bis (2-chloroethyl) ether	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 9 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

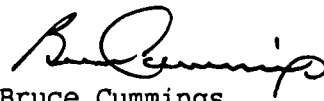
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bis (2-chloroisopropyl) ether	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7
Bis (2-ethylhexyl) phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
4-Bromophenyl phenyl ether	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Butyl benzyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
p-Chloroaniline	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0
Chlorobenzilate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Chloronaphthalene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
4-Chlorophenyl phenyl ether	4.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	4.2
Chrysene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Diallate	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Dibenz (A,H) anthracene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Dibenzofuran	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Dibutyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
3,3-Dichlorobenzidine	3.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.2
Diethyl phthalate	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Thionazin	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Dimethoate	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
p-(Dimethylamino) azobenzene	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0
7,12-Dimethylbenz(A)anthracene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 10 of 13

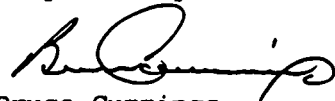
Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
3,3-Dimethylbenzidine	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Dimethyl phthalate	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
1,3-Dinitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2,4-Dinitrotoluene	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7
2,6-Dinitrotoluene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Di-n-octyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Diphenylamine	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Disulfoton	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Ethyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Famphor	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
Fluoranthene	2.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.2
Fluorene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Hexachlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Hexachlorobutadiene	0.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	0.9
Hexachlorocyclopentadiene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Hexachloroethane	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
Hexachloropropene	3.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.7
Indeno (1,2,3-CD) pyrene	3.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.7
Isodrin	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 11 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

REPORT OF ANALYSIS**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Isophorone	2.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.2
Isosafrole	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Kepone	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
Methapyrilene	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
3-Methylchloranthrene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Methyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Methylnaphthalene	2.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.0
Methyl parathion	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
Naphthalene	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
1,4-Naphthoquinone	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
1-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
3-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
4-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
Nitrobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
n-Nitrosodi-n-butylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodiethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodimethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 12 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
n-Nitrosodiphenylamine	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
n-Nitrosodipropylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodimethylethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosopiperidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosopyrrolidine	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
5-Nitro-o-toluidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Parathion	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
Pentachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Pentachloronitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phenacetin	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phenanthrene	5.4u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.4
p-Phenylenediamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phorate	3.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.0
Pronamide	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Pyrene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Safrole	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
1,2,4,5-Tetrachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
o-Toluidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
1,2,4-Trichlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 13 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
o,o,o-Triethylphosphorothioate	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
1,3,5-Nitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	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 33870

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

(941) 655-4022

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

01/26/98
Page 1 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

REPORT OF ANALYSIS

FIELD DATA

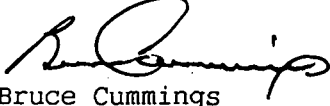
Temperature 22.9 deg. C
pH 6.34 S.U.
Conductivity 254. umho/cm
Dissolved Oxygen 2.4 mg/L
Color & Sheen Color

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	174.	mg/L	EPA 160.1	B. Hatton	12/11/97 @ 1255	10.
Alkalinity	128.	mg/L	EPA 310.1	B. Hatton	12/10/97 @ 1300	0.5
Chloride	10.	mg/L	EPA 325.3	B. Hatton	12/22/97 @ 1400	0.5
Cyanide	0.005u	mg/L	EPA 335.3	D. Morton	12/17/97 @ 1512	0.005
Sulfide	0.37	mg/L	EPA 376.1	R. Stephens	12/12/97 @ 1651	
Ammonia Nitrogen (NH3-N)	1.22	mg/L	EPA 350.1	D. Morton	12/12/97 @ 0900	0.04
Ammonium Nitrogen (NH4-N)	1.22	mg/L	Calc.	B. Cummings	01/26/98 @ 1430	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/10/97 @ 0746	0.01
Nitrate Nitrogen (NO3-N)	0.04	mg/L	Calc.	B. Cummings	01/26/98 @ 1430	0.02
Nitrate + Nitrite N (NO2+NO3)	0.04	mg/L	EPA 353.2	D. Morton	12/23/97 @ 0949	0.02
Antimony	0.003u	mg/L	EPA 204.2	R. Stephens	12/19/97 @ 1026	0.003
Arsenic	0.006	mg/L	EPA 206.3	R. Stephens	01/06/98 @ 1445	0.005

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 2 of 13

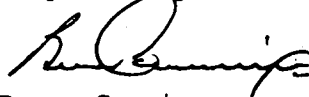
Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Barium	0.03	mg/L	EPA 208.1	R. Stephens	01/07/98 @ 1226	0.02
Beryllium	0.001u	mg/L	EPA 210.2	R. Stephens	12/23/97 @ 0859	0.001
Cadmium	0.002u	mg/L	EPA 213.1	R. Stephens	12/29/97 @ 1238	0.002
Chromium	0.02u	mg/L	EPA 218.1	R. Stephens	12/23/97 @ 1509	0.02
Cobalt	0.05u	mg/L	EPA 6010	E84098	12/15/97 @ 1204	0.05
Copper	0.01u	mg/L	EPA 220.1	R. Stephens	12/29/97 @ 1244	0.01
Iron	5.56	mg/L	EPA 236.1	R. Stephens	01/02/98 @ 1348	0.01
Lead	0.004	mg/L	EPA 239.2	R. Stephens	12/24/97 @ 1102	0.001
Mercury	0.001u	mg/L	EPA 245.2	R. Stephens	12/30/97 @ 1226	0.001
Nickel	0.01u	mg/L	EPA 249.1	R. Stephens	01/02/98 @ 1350	0.01
Selenium	0.005u	mg/L	EPA 270.2	R. Stephens	12/30/97 @ 1242	0.005
Silver	0.001u	mg/L	EPA 272.2	R. Stephens	12/18/97 @ 1347	0.001
Sodium	5.9	mg/L	EPA 273.1	R. Stephens	12/30/97 @ 1235	1.0
Thallium	0.002u	mg/L	EPA 279.2	R. Stephens	12/22/97 @ 1020	0.002
Tin	0.10u	mg/L	EPA 6010	E84098	12/19/97 @ 0942	0.10
Vanadium	BDL	mg/L	EPA 6010	84183	12/15/97 @ 0000	0.10
Zinc	0.005	mg/L	EPA 289.1	R. Stephens	01/05/98 @ 1045	0.002
Aldrin	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Chlordane	0.02u	ug/L	EPA 608	E84098	12/18/97 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 3 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

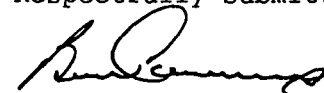
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Dieldrin	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Endosulfan I	0.014u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.014
Endosulfan II	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
Endosulfan sulfate	0.03u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.03
Endrin	0.006u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.006
Endrin aldehyde	0.023u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.023
Heptachlor	0.003u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.003
Heptachlor epoxide	0.010u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.010
Methoxychlor	0.050u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.050
PCBs	0.50u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.50
Toxaphene	0.20u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.20
A-BHC	0.003u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.003
B-BHC	0.006u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.006
D-BHC	0.009u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.009
G-BHC (Lindane)	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
4,4-DDD	0.011u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.011
4,4-DDE	0.004u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.004
4,4-DDT	0.012u	ug/L	EPA 608	E84098	12/18/97 @ 0000	0.012
Dinoseb	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 4 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
2,4-D	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20
Silvex (2,4,5-TP)	0.10u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.10
2,4,5-T	0.20u	ug/L	EPA 8150	E84098	12/20/97 @ 0000	0.20
Acetone	2.5u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	2.5
Acetonitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Acrolein	1.70u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.70
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.50
Allyl chloride	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Benzene	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Bromochloromethane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08
Bromoform	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
Carbon disulfide	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Carbon tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.21
Chlorobenzene	0.34	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
Chloroform	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Chloroprene	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.05

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 5 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,2-Dibromo-3-chloropropane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
1,2-Dibromomethane	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
1,3-Dichlorobenzene	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
1,4-Dichlorobenzene	2.04	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
trans-1,4-Dichloro-2-butene	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Dichlorodifluoromethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
1,3-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
2,2-Dichloropropane	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
1,1-Dichloropropene	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.06

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 6 of 13

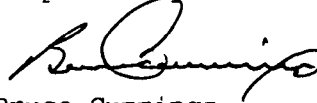
Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Isobutyl alcohol	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Methacrylonitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Methyl bromide	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
Methyl Chloride	0.13u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.13
Methyl ethyl ketone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Methyl iodide	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
Methyl methacrylate	0.50u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.50
4-Methyl-2-pentanone	5.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	5.0
Methylene bromide	0.30u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.30
Methylene chloride	0.03u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.03
Propionitrile	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Styrene	1.0u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.10u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.10
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 7 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

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	12/17/97 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.08
1,2,3-Trichloropropane	0.30u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.30
Vinyl acetate	10.u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	10.
Vinyl chloride	0.17u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.17
Xylene (total)	0.11u	ug/L	EPA 8260	E84098	12/17/97 @ 0000	0.11
4-Chloro-3-methylphenol	3.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.0
2-Chlorophenol	3.3u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.3
m-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
o-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
p-Cresol	3.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.5
2,4-Dichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
2,6-Dichlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2,4-Dimethylphenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
4,6-Dinitro-o-cresol	9.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	9.5
2,4-Dinitrophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2-Nitrophenol	3.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.6
4-Nitrophenol	2.4u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.4

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 8 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530.
Received: 12/08/97 @ 1610

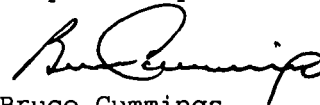
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Pentachlorophenol	3.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.6
Phenol	1.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.5
2,3,4,6-Tetrachlorophenol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2,4,5-Trichlorophenol	3.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.9
2,4,6-Trichlorophenol	2.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.7
Acenaphthene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Acenaphthylene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Acetophenone	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
2-Acetylaminofluorene	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
4-Aminobiphenyl	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Anthracene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Benzo (A) anthracene	3.1u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.1
Benzo (B) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzo (K) fluoranthene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzo (GHI) perylene	4.1u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	4.1
Benzo (A) pyrene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Benzyl alcohol	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Bis (2-chloroethoxy) methane	5.3u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.3
Bis (2-chloroethyl) ether	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 9 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bis (2-chloroisopropyl) ether	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7
Bis (2-ethylhexyl) phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
4-Bromophenyl phenyl ether	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Butyl benzyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
p-Chloroaniline	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0
Chlorobenzilate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Chloronaphthalene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
4-Chlorophenyl phenyl ether	4.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	4.2
Chrysene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Diallate	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Dibenz (A,H) anthracene	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Dibenzofuran	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Di-n-butyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
3,3-Dichlorobenzidine	3.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.2
Diethyl phthalate	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Thionazin	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Dimethoate	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
p-(Dimethylamino) azobenzene	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0
7,12-Dimethylbenz(A)anthracene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 10 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

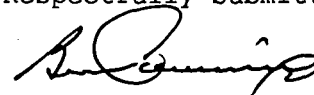
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
3,3-Dimethylbenzidine	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Dimethyl phthalate	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
1,3-Dinitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2,4-Dinitrotoluene	5.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.7
2,6-Dinitrotoluene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Di-n-octyl phthalate	2.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.5
Diphenylamine	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Disulfoton	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Ethyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Famphor	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
Fluoranthene	2.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.2
Fluorene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Hexachlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Hexachlorobutadiene	0.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	0.9
Hexachlorocyclopentadiene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Hexachloroethane	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
Hexachloropropene	3.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.7
Indeno (1,2,3-CD) pyrene	3.7u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.7
Isodrin	6.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	6.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 11 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

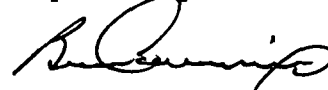
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Isophorone	2.2u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.2
Isosafrole	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Kepone	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
Methapyrilene	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
3-Methylchloranthrene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Methyl methanesulfonate	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Methylnaphthalene	2.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	2.0
Methyl parathion	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
Naphthalene	1.6u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.6
1,4-Naphthoquinone	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
1-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Naphthylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
2-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
3-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
4-Nitroaniline	20.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	20.
Nitrobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
n-Nitrosodi-n-butylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodiethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodimethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge01/26/98
Page 12 of 13

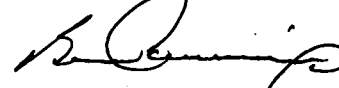
Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610**REPORT OF ANALYSIS****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
n-Nitrosodiphenylamine	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
n-Nitrosodipropylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosodimethylethylamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosopiperidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
n-Nitrosopyrrolidine	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
5-Nitro-o-toluidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Parathion	15.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	15.
Pentachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
Pentachloronitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phenacetin	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phenanthrene	5.4u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.4
p-Phenylenediamine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Phorate	3.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	3.0
Pronamide	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
Pyrene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9
Safrole	7.5u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	7.5
1,2,4,5-Tetrachlorobenzene	5.0u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	5.0
o-Toluidine	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.
1,2,4-Trichlorobenzene	1.9u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	1.9

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

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

01/26/98
Page 13 of 13

Laboratory Number: 76948

Project: Hardee Co
Location: Landfill
Sample ID: Leachate
Sampled By: J. Finn/R. Greene on 12/08/97 @ 1530
Received: 12/08/97 @ 1610

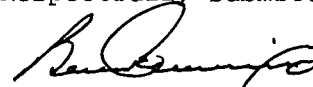
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
o,o,o-Triethylphosphorothioate	30.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	30.
1,3,5-Nitrobenzene	10.u	ug/L	EPA 8270	E84098	01/06/98 @ 0000	10.

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/97 @ 1530Test Site ID #: 4025AReport Period: 07/01/97 to 12/31/97Well 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	12-08-97 @ 1530	254. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-00-97 @ 1020	6.34 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-19-96 @ 1020	2.4 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12-08-97 @ 1020	22.9 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-08-97 @ 1020	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-12-97 @ 0900	1.22 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12-10-97 @ 1300	128. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-22-97 @ 1400	10. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	01-02-98 @ 1348	5.56 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-30-97 @ 1226	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-23-97 @ 0949	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-30-97 @ 1235	5.9 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-11-97 @ 1255	174. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-19-97 @ 1026	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	01-06-98 @ 1445	0.006 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	01-07-98 @ 1226	0.03 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-23-97 @ 0859	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-29-97 @ 1238	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-23-97 @ 1509	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-15-97 @ 1204	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-29-97 @ 1244	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-24-97 @ 1102	0.004 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	01-02-98 @ 1350	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-30-97 @ 1242	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-18-97 @ 1347	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-22-97 @ 1020	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-15-97 @ 0000	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	01-05-98 @ 1045	0.005 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-17-97	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-17-97	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/08/97 @ 1530Test Site ID #: 4025AReport Period: 07/01/97 to 12/31/97Well 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	12-17-97	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12-17-97	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12-17-97	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12-17-97	0.34 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12-17-97	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12-17-97	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12-17-97	2.04 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12-17-97	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12-17-97	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12-17-97	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12-17-97	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12-17-97	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12-17-97	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12-17-97	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12-17-97	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12-17-97	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12-17-97	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12-17-97	< 0.1 ug/L	0.1 ug/L
034516	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12-17-97	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/08/97 @ 1530

Test Site ID #: 4025A

Report Period: 07/01/97 to 12/31/97

Well 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	12-17-97	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12-17-97	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12-17-97	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12-17-97	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12-17-97	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12-17-97	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12-17-97	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12-17-97	< 0.11 ug/L	0.11 ug/L

PART III ANALYTICAL RESULTS

Leachate sampling
results
Harder Co. land fill

Facility GMS #: 4025C30001

Sampling Date/Time: 06/10/97 @ 1020

Test Site ID #: 4025A

Report Period: 01/01/97 to 06/30/97

Received 8/20/97

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: [] Background
[] Intermediate
[] Compliance
[x] 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	06-10-97 @ 1020	356. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06-10-97 @ 1020	6.29 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06-19-96 @ 1020	3.0 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	06-10-97 @ 1020	26.3 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06-10-97 @ 1020	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	06-26-97 @ 1009	1.68 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	06-11-97 @ 1215	134. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06-16-97 @ 1211	23. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	06-20-97 @ 1158	6.24 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	06-18-97 @ 0932	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	07-01-97 @ 1020	0.12 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	07-02-97 @ 1122	11.0 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06-12-97 @ 1400	210. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	07-02-97 @ 1315	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	07-16-97 @ 1750	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	06-17-97 @ 1550	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	07-03-97 @ 1500	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	06-26-97 @ 0850	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	06-30-97 @ 1032	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06-17-97 @ 1441	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06-19-97 @ 1455	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	06-18-97 @ 1008	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	06-27-97 @ 0854	0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	06-25-97 @ 1053	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	06-23-97 @ 1745	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	07-03-97 @ 0940	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06-17-97 @ 1441	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	06-27-97 @ 0856	0.003 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	06-13-97	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06-13-97	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/10/97 @ 1020Test Site ID #: 4025AReport Period: 01/01/97 to 06/30/97Well 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	06-13-97	< 0.04 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06-13-97	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06-13-97	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06-13-97	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06-13-97	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06-13-97	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06-13-97	1.44 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06-13-97	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06-13-97	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06-13-97	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06-13-97	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	06-13-97	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06-13-97	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06-13-97	< 0.03 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06-13-97	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06-13-97	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06-13-97	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06-13-97	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06-13-97	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06-13-97	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06-13-97	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06-13-97	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06-13-97	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06-13-97	< 0.06 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06-13-97	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06-13-97	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06-13-97	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06-13-97	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06-13-97	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06-13-97	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06-13-97	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06-13-97	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	06-13-97	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06-13-97	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06-13-97	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06-13-97	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/10/97 @ 1020Test Site ID #: 4025AReport Period: 01/01/97 to 06/30/97Well 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	06-13-97	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06-13-97	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06-13-97	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06-13-97	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06-13-97	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06-13-97	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06-13-97	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06-13-97	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06-13-97	< 0.11 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
PO Box 246
Wauchula, FL 33873-
Attn: J.R. Prestridge07/30/97
Page 1 of 5

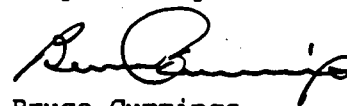
Laboratory Number: 67611

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Green/J. Finn on 06/10/97 @ 1020
Received: 06/10/97 @ 1715**REPORT OF ANALYSIS****FIELD DATA**Temperature 26.3 deg. C
pH 6.29 S.U.
Conductivity 356. umho/cm
Dissolved Oxygen 3.0 mg/L**LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	210.	mg/L	EPA 160.1	S. Smyth	06/12/97 @ 1400	10.
Alkalinity	134.	mg/L	EPA 310.1	S. Smyth	06/11/97 @ 1215	0.5
Chloride	23.	mg/L	EPA 325.3	S. Smyth	06/16/97 @ 1211	0.5
Ammonia Nitrogen (NH3-N)	1.68	mg/L	EPA 350.1	D. Morton	06/26/97 @ 1009	0.04
Ammonium Nitrogen (NH4-N)	1.68	mg/L	Calc.	B. Cummings	07/30/97 @ 1230	0.005
Nitrite Nitrogen (NO2-N)	0.18	mg/L	EPA 354.1	D. Morton	06/11/97 @ 0930	0.01
Nitrate Nitrogen (NO3-N)	0.12	mg/L	Calc.	D. Murto	07/24/97 @ 1730	0.02
Nitrate + Nitrite N (NO2+NO3)	0.30	mg/L	EPA 353.2	D. Morton	07/01/97 @ 1020	0.02
Antimony	0.003u	mg/L	EPA 204.2	R. Stephens	07/02/97 @ 1315	0.003
Arsenic	0.005u	mg/L	EPA 206.3	R. Stephens	07/16/97 @ 1750	0.005
Barium	0.02u	mg/L	EPA 208.1	R. Stephens	06/17/97 @ 1550	0.02
Beryllium	0.001u	mg/L	EPA 210.2	R. Stephens	07/03/97 @ 1500	0.001
Cadmium	0.002u	mg/L	EPA 213.1	R. Stephens	06/26/97 @ 0850	0.002

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
PO Box 246
Wauchula, FL 33873-
Attn: J.R. Prestridge07/30/97
Page 2 of 5

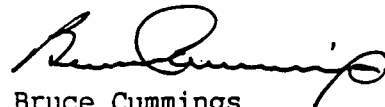
Laboratory Number: 67611

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Green/J. Finn on 06/10/97 @ 1020
Received: 06/10/97 @ 1715**REPORT OF ANALYSIS****FIELD DATA****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Chromium	0.02u	mg/L	EPA 218.1	R. Stephens	06/30/97 @ 1032	0.02
Cobalt	0.05u	mg/L	EPA 6010	E84098	06/17/97 @ 1441	0.05
Copper	0.01u	mg/L	EPA 220.1	R. Stephens	06/19/97 @ 1455	0.01
Iron	6.24	mg/L	EPA 236.1	R. Stephens	06/20/97 @ 1158	0.01
Lead	0.001u	mg/L	EPA 239.2	R. Stephens	06/18/97 @ 1008	0.001
Mercury	0.001u	mg/L	EPA 245.2	R. Stephens	06/18/97 @ 0932	0.001
Nickel	0.01	mg/L	EPA 249.1	R. Stephens	06/27/97 @ 0854	0.01
Selenium	0.005u	mg/L	EPA 270.2	R. Stephens	06/25/97 @ 1053	0.005
Silver	0.001u	mg/L	EPA 272.2	R. Stephens	06/23/97 @ 1745	0.001
Sodium	11.	mg/L	EPA 273.1	R. Stephens	07/02/97 @ 1122	1.0
Thallium	0.002u	mg/L	EPA 279.2	R. Stephens	07/03/97 @ 0940	0.002
Vanadium	0.1u	mg/L	EPA 6010	E84098	06/17/97 @ 1441	0.10
Zinc	0.003	mg/L	EPA 289.1	R. Stephens	06/27/97 @ 0856	0.002
Appendix I Volatiles	*	ug/L	EPA 8260	E84098	06/13/97 @ 0000	
Acetone	2.5u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	2.5
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	1.50
Benzene	0.04u	ug/L	EPA 8260	E84098	06/13/97 @ 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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
PO Box 246
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/30/97
Page 3 of 5

Laboratory Number: 67611

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Green/J. Finn on 06/10/97 @ 1020
Received: 06/10/97 @ 1715

REPORT OF ANALYSIS

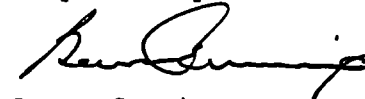
FIELD DATA

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Bromochloromethane	0.5u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.5
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.12
Carbon Disulfide	5.0u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	5.0
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.21
Chlorobenzene	1.44	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.10
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.5u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.5
1,2-Dibromoethane	0.5u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.5
1,2-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.03
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.03
T-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	10.0
1,1-Dichloroethane	0.04u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.04
1,2-Dichloroethane	0.06u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.06
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.12

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.10405 US 27 South
Sebring, Florida 33870

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

For: Hardee County
Dept of Solid Waste
PO Box 246
Wauchula, FL 33873-
Attn: J.R. Prestridge07/30/97
Page 4 of 5

Laboratory Number: 67611

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Green/J. Finn on 06/10/97 @ 1020
Received: 06/10/97 @ 1715**REPORT OF ANALYSIS****FIELD DATA****LABORATORY DATA**

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
cis-1,2-Dichloroethene	0.1u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.1
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.13
Dibromomethane	0.3u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.3
Dichloromethane	0.03u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	5.0
Iodomethane	0.5u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.5
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	5.0
Styrene	1.0u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.1u	ug/L	EPA 8260	EB4098	06/13/97 @ 0000	0.1
1,1,2,2-Tetrachloroethane	0.04u	ug/L	EPA 8260	EB4098	06/13/97 @ 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 33870

(800) 833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County
Dept of Solid Waste
PO Box 246
Wauchula, FL 33873-
Attn: J.R. Prestridge

07/30/97
Page 5 of 5

Laboratory Number: 67611

Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled By: R. Green/J. Finn on 06/10/97 @ 1020
Received: 06/10/97 @ 1715

REPORT OF ANALYSIS

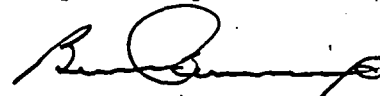
FIELD DATA

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.11
1,1,1-Trichloroethane	0.08u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.08
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.19
Trichlorofluoromethane	0.08u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.08
1,2,3-Trichloropropane	0.3u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.3
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	06/13/97 @ 0000	0.11

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Bruce Cummings
Laboratory Director

10405 U.S. 27 South
Sebring, Fl 33870
(813) 655-4022

CHAIN OF CUSTODY
and
TRANSMITTAL FORM

LABORATORY ANALYSES

[illegible]

COMMENTS:

Batch 539

CONTAINERS RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:
SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	SAMPLES RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:

D.E.P.

MAR 17 1997

SOUTHWEST DISTRICT
TAMPA

Allison

Sorry, I generated a
new benchto list for our
CMS 1st year aud. Did not
include the 2 compounds.
I have added them to the 1st
page of this report. Call me
if you have any questions

Bruce

Leachate 6, 6

D.E.P.

MAR 17 1997

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516

(941) 644-4022 DISTRICT

01-22-97

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 11
Revised

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

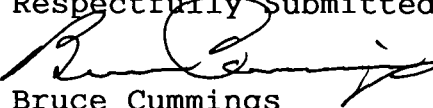
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
1,1,1,2-Tetrachloroethane	< 0.1	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	< 0.04	ug/L	EPA 8260
Tetrachloroethene	< 0.14	ug/L	EPA 8260
2,3,4,6-Tetrachlorophenol	< 5.0	ug/L	EPA 8270
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Tin (Sn)	< 0.10	mg/L	EPA 6010
Toluene	0.31	ug/L	EPA 8260
o-Toluidine	< 10.	ug/L	EPA 8270
Toxaphene	< 0.2	ug/L	EPA 608
1,2,4-Trichlorobenzene	< 1.9	ug/L	EPA 8270
1,1,1-Trichloroethane	< 0.08	ug/L	EPA 8260
1,1,2-Trichloroethane	< 0.10	ug/L	EPA 8260
Trichloroethene	< 0.19	ug/L	EPA 8260
Trichlorofluoromethane	< 0.08	ug/L	EPA 8260
2,4,5-Trichlorophenol	< 3.9	ug/L	EPA 8270
2,4,6-Trichlorophenol	< 2.7	ug/L	EPA 8270
1,2,3-Trichloropropane	< 0.3	ug/L	EPA 8260
o,o,o-Triethyl phosphorothioate	< 30.	ug/L	EPA 8270
1,3,5-Trinitrobenzene	< 10.	ug/L	EPA 8270
Vanadium (V)	< 0.1	mg/L	EPA 6010
Vinyl Acetate	< 10.	ug/L	EPA 8260
Vinyl chloride	< 0.17	ug/L	EPA 8260
Xylene (total)	2.47	ug/L	EPA 8260
Zinc (Zn)	0.010	mg/L	EPA 289.1
3,3-Dimethylbenzidine	< 5.0	ug/L	EPA 8270

EPA Methods 6010, 608, 8150, 8260 & 8270
performed by HRS# E84098.

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 1

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

rec'd 1/27/97 w/
gw reports.

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	530.	umhos/cm	EPA 120.1
pH	5.92	S.U.	EPA 150.1
Dissolved Oxygen	2.5	mg/L	EPA 360.1
Temperature	22.5	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Total Ammonia (NH3-N)	9.03	mg/L	EPA 350.1
Bicarbonate as CaCO3	129.	mg/L	EPA 310.1
Chloride (Cl)	106.	mg/L	EPA 325.3
Iron (Fe)	30.9	mg/L	EPA 236.1
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Nitrate (NO3-N)	0.06	mg/L	EPA 353.2
Sodium (Na)	46.9	mg/L	EPA 273.1
Total Dissolved Solids	404.	mg/L	EPA 160.1
Antimony (Sb)	< 0.003	mg/L	EPA 204.2
Arsenic (As)	0.007	mg/L	EPA 206.3
Barium (Ba)	< 0.02	mg/L	EPA 208.1
Beryllium (Be)	< 0.001	mg/L	EPA 210.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Cobalt (Co)	< 0.05	mg/L	EPA 6010
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Copper (Cu)	< 0.01	mg/L	EPA 220.1
Lead (Pb)	< 0.001	mg/L	EPA 239.2

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 2

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

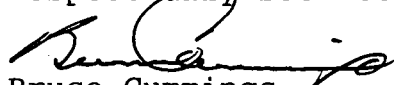
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
Nickel (Ni)	0.02	mg/L	EPA 249.1
Selenium (Se)	< 0.005	mg/L	EPA 270.3
Silver (Ag)	< 0.001	mg/L	EPA 272.2
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Vanadium (V)	< 0.10	mg/L	EPA 6010
Zinc (Zn)	0.005	mg/L	EPA 289.1
Acetone	< 2.5	ug/L	EPA 8260
Acrylonitrile	< 1.50	ug/L	EPA 8260
Benzene	1.51	ug/L	EPA 8260
Bromochloromethane	< 0.5	ug/L	EPA 8260
Bromodichloromethane	< 0.08	ug/L	EPA 8260
Bromoform	< 0.12	ug/L	EPA 8260
Carbon disulfide	< 5.0	ug/L	EPA 8260
Carbon tetrachloride	< 0.21	ug/L	EPA 8260
Chlorobenzene	2.11	ug/L	EPA 8260
Chloroethane	< 0.10	ug/L	EPA 8260
Chloroform	< 0.03	ug/L	EPA 8260
Dibromochloromethane	< 0.05	ug/L	EPA 8260
1,2-Dibromo-3-chloropropane	< 0.5	ug/L	EPA 8260
1,2-Dibromomethane	< 0.5	ug/L	EPA 8260
o-Dichlorobenzene	< 0.03	ug/L	EPA 8260
p-Dichlorobenzene	0.96	ug/L	EPA 8260
trans-1,4-Dichloro-2-butene	< 10.	ug/L	EPA 8260
1,1-Dichloroethane	< 0.04	ug/L	EPA 8260
1,2-Dichloroethane	< 0.06	ug/L	EPA 8260
1,1-Dichloroethene	< 0.12	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 3

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter		Result	Units	Method
cis-1,2-Dichloroethene	<	0.1	ug/L	EPA 8260
trans-1,2-Dichloroethene	<	0.06	ug/L	EPA 8260
1,2-Dichloropropane	<	0.04	ug/L	EPA 8260
cis-1,3-Dichloropropene	<	0.05	ug/L	EPA 8260
trans-1,3-Dichloropropene	<	0.04	ug/L	EPA 8260
Ethylbenzene		0.73	ug/L	EPA 8260
2-Hexanone	<	5.0	ug/L	EPA 8260
Methyl bromide	<	0.11	ug/L	EPA 8260
Methyl chloride	<	0.13	ug/L	EPA 8260
Methylene bromide	<	0.3	ug/L	EPA 8260
Methylene chloride	<	0.03	ug/L	EPA 8260
Methyl ethyl ketone	<	5.0	ug/L	EPA 8260
Methyl iodide	<	0.5	ug/L	EPA 8260
4-Methyl-2-pentanone	<	5.0	ug/L	EPA 8260
Styrene	<	1.0	ug/L	EPA 8260
1,1,1,2-Tetrachloroethane	<	0.1	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	<	0.04	ug/L	EPA 8260
Tetrachloroethene	<	0.14	ug/L	EPA 8260
Toluene		0.31	ug/L	EPA 8260
1,1,1-Trichloroethane	<	0.08	ug/L	EPA 8260
1,1,2-Trichloroethane	<	0.10	ug/L	EPA 8260
Trichloroethene	<	0.19	ug/L	EPA 8260
Trichlorofluoromethane	<	0.08	ug/L	EPA 8260
1,2,3-Trichloropropane	<	0.3	ug/L	EPA 8260
Vinyl acetate	<	10.0	ug/L	EPA 8260
Vinyl chloride	<	0.17	ug/L	EPA 8260
Xylene (total)		2.47	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHOKI ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 4

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

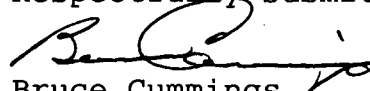
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
Acenaphthene	< 1.9	ug/L	EPA 8270
Acenaphthylene	< 2.5	ug/L	EPA 8270
Acetone	< 2.5	ug/L	EPA 8260
Acetonitrile	< 10.	ug/L	EPA 8260
Acetophenone	< 5.0	ug/L	EPA 8270
2-Acetylaminofluorene	< 7.5	ug/L	EPA 8270
Acrolein	< 1.70	ug/L	EPA 8260
Acrylonitrile	< 1.50	ug/L	EPA 8260
Aldrin	< 0.004	ug/L	EPA 608
Allyl chloride	< 0.5	ug/L	EPA 8260
4-Aminobiphenyl	< 5.0	ug/L	EPA 8270
Antracene	< 1.9	ug/L	EPA 8270
Antimony (Sb)	< 0.003	mg/L	EPA 204.2
Arsenic (As)	< 0.007	mg/L	EPA 206.3
Barium (Ba)	< 0.02	mg/L	EPA 208.1
Benzene	< 1.51	ug/L	EPA 8260
Benzo(A)anthracene	< 3.1	ug/L	EPA 8270
Benzo(B)fluoranthene	< 2.5	ug/L	EPA 8270
Benzo(K)fluoranthene	< 2.5	ug/L	EPA 8270
Benzo(GHI)perylene	< 4.1	ug/L	EPA 8270
Benzo(A)pyrene	< 2.5	ug/L	EPA 8270
Benzyl alcohol	< 5.0	ug/L	EPA 8270
Beryllium (Be)	< 0.001	mg/L	EPA 210.2
A-BHC	< 0.003	ug/L	EPA 608
B-BHC	< 0.006	ug/L	EPA 608
D-BHC	< 0.009	ug/L	EPA 608
G-BHC (Lindane)	< 0.004	ug/L	EPA 608

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORL ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 5

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

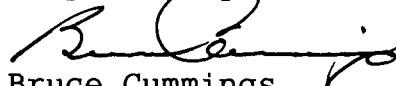
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
Bis(2-chloroethoxy)methane	< 5.3	ug/L	EPA 8270
Bis(2-chloroethyl)ether	< 5.7	ug/L	EPA 8270
Bis(2-chloroisopropyl)ether	< 5.7	ug/L	EPA 8270
Bis(2-ethylhexyl)phthalate	< 2.5	ug/L	EPA 8270
Bromochloromethane	< 0.5	ug/L	EPA 8260
Bromodichloromethane	< 0.08	ug/L	EPA 8260
Bromoform	< 0.12	ug/L	EPA 8260
4-Bromophenyl phenyl ether	< 1.9	ug/L	EPA 8270
Butyl benzyl phthalate	< 2.5	ug/L	EPA 8270
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Carbon disulfide	< 5.0	ug/L	EPA 8260
Carbon tetrachloride	< 0.21	ug/L	EPA 8260
Chlordane	< 0.02	ug/L	EPA 608
p-Chloroaniline	< 6.0	ug/L	EPA 8270
Chlorobenzene	< 2.11	ug/L	EPA 8260
Chlorobenzilate	< 10.	ug/L	EPA 8270
4-Chloro-3-methylphenol	< 3.0	ug/L	EPA 8270
Chloroethane	< 0.10	ug/L	EPA 8260
Chloroform	< 0.03	ug/L	EPA 8260
2-Chloronaphthalene	< 1.9	ug/L	EPA 8270
2-Chlorophenol	< 3.3	ug/L	EPA 8270
4-Chlorophenyl phenyl ether	< 4.2	ug/L	EPA 8270
Chloroprene	< 0.03	ug/L	EPA 8260
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Chrysene	< 2.5	ug/L	EPA 8270
Cobalt (Co)	< 0.05	mg/L	EPA 6010
Copper (Cu)	< 0.01	mg/L	EPA 220.1

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 6

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

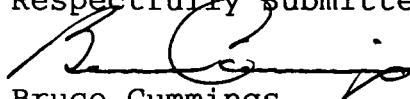
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter		Result	Units	Method
m-Cresol	<	3.5	ug/L	EPA 8270
o-Cresol	<	3.5	ug/L	EPA 8270
p-Cresol	<	3.5	ug/L	EPA 8270
Cyanide (Cn)	<	0.005	mg/L	EPA 335.2
2,4-D	<	0.2	ug/L	EPA 8150
4,4-DDD	<	0.011	ug/L	EPA 608
4,4-DDE	<	0.004	ug/L	EPA 608
4,4-DDT	<	0.012	ug/L	EPA 608
Diallate	<	5.0	ug/L	EPA 8270
Dibenz(A,H)anthracene	<	2.5	ug/L	EPA 8270
Dibenzofuran	<	5.0	ug/L	EPA 8270
Dibromochloromethane	<	0.05	ug/L	EPA 8260
1,2-Dibromo-3-chloropropane	<	0.5	ug/L	EPA 8260
1,2-Dibromomethane	<	0.5	ug/L	EPA 8260
Di-n-butyl phthalate	<	2.5	ug/L	EPA 8270
1,2-Dichlorobenzene	<	0.03	ug/L	EPA 8260
1,3-Dichlorobenzene	<	0.12	ug/L	EPA 8260
1,4-Dichlorobenzene	<	0.96	ug/L	EPA 8260
3,3'-Dichlorobenzidine	<	3.2	ug/L	EPA 8270
trans-1,4-Dichloro-2-butene	<	10.	ug/L	EPA 8260
Dichlorodifluoromethane	<	0.10	ug/L	EPA 8260
1,1-Dichloroethane	<	0.04	ug/L	EPA 8260
1,2-Dichloroethane	<	0.06	ug/L	EPA 8260
1,1-Dichloroethene	<	0.12	ug/L	EPA 8260
cis-1,2-Dichloroethene	<	0.10	ug/L	EPA 8260
trans-1,2-Dichloroethene	<	0.06	ug/L	EPA 8260
2,4-Dichlorophenol	<	2.7	ug/L	EPA 8270

Respectfully Submitted,

Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 7

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter		Result	Units	Method
2,6-Dichlorophenol	<	5.0	ug/L	EPA 8270
1,2-Dichloropropane	<	0.04	ug/L	EPA 8260
1,3-Dichloropropane	<	5.	ug/L	EPA 8260
2,2-Dichloropropane	<	5.	ug/L	EPA 8260
1,1-Dichloropropene	<	5.	ug/L	EPA 8260
cis-1,3-Dichloropropene	<	0.05	ug/L	EPA 8260
trans-1,3-Dichloropropene	<	0.04	ug/L	EPA 8260
Dieldrin	<	0.004	ug/L	EPA 608
Diethyl phthalate	<	1.9	ug/L	EPA 8270
0,0-Diethyl 0-2-pyrazinyl phosphorothioate	<	10.	ug/L	EPA 8270
Dimethoate	<	5.	ug/L	EPA 8270
p-(Dimethylamino)azobenzene	<	6.0	ug/L	EPA 8270
7,12-Dimethylbenz(A)anthracene	<	5.	ug/L	EPA 8270
2,4-Dimethylphenol	<	2.7	ug/L	EPA 8270
Dimethyl phthalate	<	1.6	ug/L	EPA 8270
1,3-Dinitrobenzene	<	10.	ug/L	EPA 8270
4,6-Dinitro-o-cresol	<	9.5	ug/L	EPA 8270
2,4-Dinitrophenol	<	5.0	ug/L	EPA 8270
2,4-Dinitrotoluene	<	5.7	ug/L	EPA 8270
2,6-Dinitrotoluene	<	1.9	ug/L	EPA 8270
Dinoseb	<	0.2	ug/L	EPA 8150
Di-n-octyl phthalate	<	2.5	ug/L	EPA 8270
Diphenylamine	<	5.0	ug/L	EPA 8270
Disulfoton	<	5.0	ug/L	EPA 8270
Endosulfan-I	<	0.014	ug/L	EPA 608
Endosulfan-II	<	0.004	ug/L	EPA 608

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHOR. ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 8

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

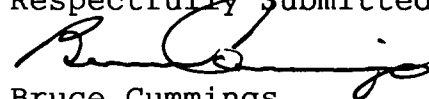
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
Endosulfan sulfate	< 0.03	ug/L	EPA 608
Endrin	< 0.006	ug/L	EPA 608
Endrin aldehyde	< 0.023	ug/L	EPA 608
Ethylbenzene	0.73	ug/L	EPA 8260
Ethyl methacrylate	< 0.5	ug/L	EPA 8260
Ethyl methanesulfonate	< 10.	ug/L	EPA 8270
Famphor	< 20.	ug/L	EPA 8270
Fluoranthene	< 2.2	ug/L	EPA 8270
Fluorene	< 1.9	ug/L	EPA 8270
Heptachlor	< 0.003	ug/L	EPA 608
Heptachlor epoxide	< 0.010	ug/L	EPA 608
Hexachlorobenzene	< 1.9	ug/L	EPA 8270
Hexachlorobutadiene	< 0.9	ug/L	EPA 8270
Hexachlorocyclopentadiene	< 5.0	ug/L	EPA 8270
Hexachloroethane	< 1.6	ug/L	EPA 8270
Hexachloropropene	< 5.0	ug/L	EPA 8270
2-Hexanone	< 5.0	ug/L	EPA 8260
Indeno(1,2,3-CD)pyrene	< 3.7	ug/L	EPA 8270
Isobutyl alcohol	< 10.	ug/L	EPA 8260
Isodrin	< 6.0	ug/L	EPA 8270
Isophorone	< 2.2	ug/L	EPA 8270
Isosafrole	< 5.0	ug/L	EPA 8270
Kepone	< 30.	ug/L	EPA 8270
Lead (Pb)	< 0.001	mg/L	EPA 239.2
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Methacrylonitrile	< 10.	ug/L	EPA 8260
Methapyrilene	< 30.	ug/L	EPA 8270

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 9

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

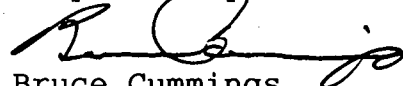
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
Methoxychlor	< 0.050	ug/L	EPA 608
Methyl bromide	< 0.11	ug/L	EPA 8260
Methyl chloride	< 0.13	ug/L	EPA 8260
3-Methylchlolanthrene	< 5.0	ug/L	EPA 8270
Methyl ethyl ketone	< 5.0	ug/L	EPA 8260
Methyl iodide	< 0.5	ug/L	EPA 8260
Methyl methacrylate	< 0.5	ug/L	EPA 8260
Methyl methanesulfonate	< 10.	ug/L	EPA 8270
2-Methylnaphthalene	48.1	ug/L	EPA 8270
Methyl parathion	< 15.	ug/L	EPA 8270
4-Methyl-2-pentanone	< 5.0	ug/L	EPA 8260
Methylene bromide	< 0.3	ug/L	EPA 8260
Methylene chloride	< 0.03	ug/L	EPA 8260
Naphthalene	68.9	ug/L	EPA 8270
1,4-Naphthoquinone	< 7.5	ug/L	EPA 8270
1-Napththylamine	< 10.	ug/L	EPA 8270
2-Napththylamine	< 10.	ug/L	EPA 8270
Nickel (Ni)	0.02	mg/L	EPA 249.1
2-Nitroaniline	< 20.	ug/L	EPA 8270
3-Nitroaniline	< 20.	ug/L	EPA 8270
4-Nitroaniline	< 20.	ug/L	EPA 8270
Nitrobenzene	< 1.9	ug/L	EPA 8270
2-Nitrophenol	< 3.6	ug/L	EPA 8270
4-Nitrophenol	< 2.4	ug/L	EPA 8270
n-Nitrosodi-n-butylamine	< 10.	ug/L	EPA 8270
n-Nitrosodiethylamine	< 10.	ug/L	EPA 8270
n-Nitrosodimethylamine	< 10.	ug/L	EPA 8270

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

Page 10

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
n-Nitrosodiphenylamine	< 1.9	ug/L	EPA 8270
n-Nitroso-n-dipropylamine	< 10.	ug/L	EPA 8270
n-Nitrosodimethylethylamine	< 10.	ug/L	EPA 8270
n-Nitrosopiperidine	< 10.	ug/L	EPA 8270
n-Nitrosopyrrolidine	< 15.	ug/L	EPA 8270
5-Nitro-o-toluidine	< 10.	ug/L	EPA 8270
Parathion	< 15.	ug/L	EPA 8270
Pentachlorobenzene	< 5.0	ug/L	EPA 8270
Pentachloronitrobenzene	< 10.	ug/L	EPA 8270
Pentachlorophenol	< 3.6	ug/L	EPA 8270
Phenacetin	< 10.	ug/L	EPA 8270
Phenanthrene	< 5.4	ug/L	EPA 8270
Phenol	< 1.5	ug/L	EPA 8270
p-Phenylenediamine	< 10.	ug/L	EPA 8270
Phorate	< 3.0	ug/L	EPA 8270
PCB's	< 0.50	ug/L	EPA 608
Pronamide	< 10.	ug/L	EPA 8270
Propionitrile	< 10.	ug/L	EPA 8260
Pyrene	< 1.9	ug/L	EPA 8270
Safrole	< 7.5	ug/L	EPA 8270
Selenium (Se)	< 0.005	mg/L	EPA 270.3
Silver (Ag)	< 0.001	mg/L	EPA 272.2
Silvex; 2,4,5-TP	< 0.1	ug/L	EPA 8150
Styrene	< 1.0	ug/L	EPA 8260
Sulfide (S)	1.12	mg/L	EPA 376.1
2,4,5-T	< 0.2	ug/L	EPA 8150
1,2,4,5-Tetrachlorobenzene	< 5.0	ug/L	EPA 8270

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHOR: ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-22-97

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 11

Laboratory Number: 59591

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 12-09-96 @ 1555
Received: 12-09-96 @ 1700

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method
1,1,1,2-Tetrachloroethane	< 0.1	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	< 0.04	ug/L	EPA 8260
Tetrachloroethene	< 0.14	ug/L	EPA 8260
2,3,4,6-Tetrachlorophenol	< 5.0	ug/L	EPA 8270
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Tin (Sn)	< 0.10	mg/L	EPA 6010
Toluene	< 0.31	ug/L	EPA 8260
o-Toluidine	< 10.	ug/L	EPA 8270
Toxaphene	< 0.2	ug/L	EPA 608
1,2,4-Trichlorobenzene	< 1.9	ug/L	EPA 8270
1,1,1-Trichloroethane	< 0.08	ug/L	EPA 8260
1,1,2-Trichloroethane	< 0.10	ug/L	EPA 8260
Trichloroethene	< 0.19	ug/L	EPA 8260
Trichlorofluoromethane	< 0.08	ug/L	EPA 8260
2,4,5-Trichlorophenol	< 3.9	ug/L	EPA 8270
2,4,6-Trichlorophenol	< 2.7	ug/L	EPA 8270
1,2,3-Trichloropropane	< 0.3	ug/L	EPA 8260
o,o,o-Triethyl phosphorothioate	< 30.	ug/L	EPA 8270
Vanadium (V)	< 0.1	mg/L	EPA 6010
Vinyl Acetate	< 10.	ug/L	EPA 8260
Vinyl chloride	< 0.17	ug/L	EPA 8260
Xylene (total)	2.47	ug/L	EPA 8260
Zinc (Zn)	0.010	mg/L	EPA 289.1

EPA Methods 6010, 608, 8150, 8260 & 8270
performed by HRS# E84098.

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/09/96 @ 1555Test Site ID #: 4025AReport Period: 07/01/96 to 12/31/96Well 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	12-09-96 @ 1555	530. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1555	5.92 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1555	2.5 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1555	22.5 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1555	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	9.03 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12-11-96 @ 1350	129. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	106. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	30.9 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.06 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	46.9 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	404. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	0.007 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	0.02 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	0.005 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/09/96 @ 1555Test Site ID #: 4025AReport Period: 07/01/96 to 12/31/96Well 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	12-18-96	1.51 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12-18-96	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12-18-96	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12-18-96	2.11 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12-18-96	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12-18-96	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12-18-96	0.96 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12-18-96	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12-18-96	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12-18-96	0.73 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12-18-96	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12-18-96	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12-18-96	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12-18-96	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12-18-96	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1555

Test Site ID #: 4025A

Report Period: 07/01/96 to 12/31/96

Well 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	12-18-96	0.31 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12-18-96	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12-18-96	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12-18-96	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12-18-96	2.47 ug/L	0.11 ug/L

RECEIVED
AUG 22 1996
Department of Environmental Protection
SOUTHWEST DISTRICT
(941) 655-4022
leachate results sampling

SHORT ENVIRONMENTAL LABORATORIES, Inc.
10405 US 27 South
Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

08-20-96
Page 1

Laboratory Number: 50783

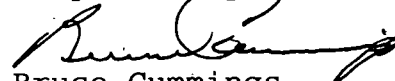
Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 06-04-96 @ 1535
Received: 06-04-96 @ 1650

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
Conductivity	470.	umhos/cm	EPA 120.1
pH	5.57	S.U.	EPA 150.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Temperature	23.7	Degrees C	EPA 170.1
Colors, Sheens	Sheen		

LABORATORY DATA Parameter	Result	Units	Method
Total Ammonia (NH3-N)	4.92	mg/L	EPA 350.1
Bicarbonate as CaCO3	114.	mg/L	EPA 310.1
Chloride (Cl)	58.	mg/L	EPA 325.3
Iron (Fe)	23.6	mg/L	EPA 236.1
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Nitrate (NO3-N)	0.09	mg/L	EPA 353.2
Sodium (Na)	26.1	mg/L	EPA 273.1
Total Dissolved Solids	282.	mg/L	EPA 160.1
Antimony (Sb)	< 0.003	mg/L	EPA 204.2
Arsenic (As)	0.006	mg/L	EPA 206.3
Barium (Ba)	< 0.02	mg/L	EPA 208.1
Beryllium (Be)	< 0.001	mg/L	EPA 210.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Cobalt (Co)	< 0.05	mg/L	EPA 6010
Copper (Cu)	< 0.01	mg/L	EPA 220.1
Lead (Pb)	0.001	mg/L	EPA 239.2
Nickel (Ni)	< 0.01	mg/L	EPA 249.1

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

08-20-96

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 2

Laboratory Number: 50783

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 06-04-96 @ 1535
Received: 06-04-96 @ 1650

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	470.	umhos/cm	EPA 120.1
pH	5.57	S.U.	EPA 150.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Temperature	23.7	Degrees C	EPA 170.1
Colors, Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Selenium (Se)	< 0.005	mg/L	EPA 270.3
Silver (Ag)	< 0.001	mg/L	EPA 272.2
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Vanadium (V)	< 0.1	mg/L	EPA 6010
Zinc (Zn)	0.003	mg/L	EPA 289.1
Acetone	< 2.5	ug/L	EPA 8260
Acrylonitrile	< 1.5	ug/L	EPA 8260
Benzene	1.63	ug/L	EPA 8260
Bromochloromethane	< 0.5	ug/L	EPA 8260
Bromodichloromethane	< 0.08	ug/L	EPA 8260
Bromoform	< 0.12	ug/L	EPA 8260
Carbon disulfide	< 5.	ug/L	EPA 8260
Carbon tetrachloride	< 0.21	ug/L	EPA 8260
Chlorobenzene	2.55	ug/L	EPA 8260
Chloroethane	< 0.10	ug/L	EPA 8260
Chloroform	< 0.03	ug/L	EPA 8260
Dibromochloromethane	< 0.05	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

08-20-96

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 3

Laboratory Number: 50783

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 06-04-96 @ 1535
Received: 06-04-96 @ 1650

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	470.	umhos/cm	EPA 120.1
pH	5.57	S.U.	EPA 150.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Temperature	23.7	Degrees C	EPA 170.1
Colors, Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
1,2-Dibromo-3-chloropropane	< 0.5	ug/L	EPA 8260
1,2-Dibromomethane	< 0.5	ug/L	EPA 8260
o-Dichlorobenzene	< 0.03	ug/L	EPA 8260
p-Dichlorobenzene	1.70	ug/L	EPA 8260
trans-1,4-Dichloro-2-butene	< 10.	ug/L	EPA 8260
1,1-Dichloroethane	< 0.04	ug/L	EPA 8260
1,2-Dichloroethane	< 0.06	ug/L	EPA 8260
1,1-Dichloroethylene	< 0.12	ug/L	EPA 8260
cis-1,2-Dichloroethylene	< 0.1	ug/L	EPA 8260
trans-1,2-Dichloroethylene	< 0.06	ug/L	EPA 8260
1,2-Dichloropropane	< 0.04	ug/L	EPA 8260
cis-1,3-Dichloropropene	< 0.05	ug/L	EPA 8260
trans-1,3-Dichloropropene	< 0.04	ug/L	EPA 8260
Ethylbenzene	0.76	ug/L	EPA 8260
2-Hexanone	< 5.0	ug/L	EPA 8260
Methyl bromide	< 0.11	ug/L	EPA 8260
Methyl chloride	< 0.13	ug/L	EPA 8260
Methylene bromide	< 0.3	ug/L	EPA 8260

Respectfully Submitted,



Bruce Cummings
Laboratory Director

RECEIVED
AUG 22 1996

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870

1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516

Department of Environmental Protection
6041 West District
BY

08-20-96
Page 4

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 50783

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\H. Short on 06-04-96 @ 1535
Received: 06-04-96 @ 1650

REPORT OF ANALYSIS

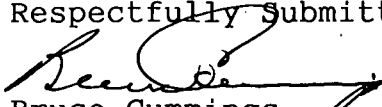
FIELD DATA

Parameter	Result	Units	Method
Conductivity	470.	umhos/cm	EPA 120.1
pH	5.57	S.U.	EPA 150.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Temperature	23.7	Degrees C	EPA 170.1
Colors, Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Methylene chloride	< 0.03	ug/L	EPA 8260
Methyl ethyl ketone	< 5.	ug/L	EPA 8260
Methyl iodide	< 0.5	ug/L	EPA 8260
4-Methyl-2-pentanone	< 5.	ug/L	EPA 8260
Styrene	< 1.	ug/L	EPA 8260
1,1,1,2-Tetrachloroethane	< 0.04	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	< 0.1	ug/L	EPA 8260
Tetrachloroethylene	< 0.14	ug/L	EPA 8260
Toluene	< 0.11	ug/L	EPA 8260
1,1,1-Trichloroethane	< 0.08	ug/L	EPA 8260
1,1,2-Trichloroethane	< 0.10	ug/L	EPA 8260
Trichloroethylene	< 0.19	ug/L	EPA 8260
Trichlorofluoromethane	< 0.08	ug/L	EPA 8260
1,2,3-Trichloropropane	< 0.3	ug/L	EPA 8260
Vinyl acetate	< 10.	ug/L	EPA 8260
Vinyl chloride	< 0.17	ug/L	EPA 8260
Xylene (total)	< 1.62	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/04/96Test Site ID #: 4025AReport Period: 01/01/96 to 06/30/96Well 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	06-04-96 @ 1535	470. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	06-04-96 @ 1535	5.57 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	06-04-96 @ 1535	1.8 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	06-04-96 @ 1535	23.7 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	06-04-96 @ 1535	Sheen NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	06-28-96 @ 1200	4.92 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	06-05-96 @ 0900	114. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	06-25-96 @ 1000	58. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	06-05-96 @ 1330	23.6 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	06-05-96 @ 1330	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	06-27-96 @ 1300	0.09 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	06-12-96 @ 1400	26.1 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	06-07-96 @ 1720	282. mg/L	1. mg/L

Appendix I - Inorganic

001097	Antimony	Bailer	No	EPA 204.2	06-29-96 @ 1400	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	06-05-96 @ 1330	0.006 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	06-05-96 @ 1330	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	06-17-96 @ 1000	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	06-05-96 @ 1330	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	06-05-96 @ 1330	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	06-14-96 @ 1430	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	06-05-96 @ 1330	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	06-05-96 @ 1330	0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	06-05-96 @ 1330	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	06-11-96 @ 1400	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	06-14-96 @ 1230	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	06-17-96 @ 1510	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	06-14-96 @ 1430	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	06-05-96 @ 1330	0.003 mg/L	0.002 mg/L

Appendix I - Organic

081552	Acetone	Bailer	No	EPA 8260	06-07-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	06-07-96	< 1.5 ug/L	1.0 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Test Site ID #: 4025Sampling Date/Time: 06/07/96 10:22 1996Report Period: 01/01/96 to 06/30/96
Department of Environmental Protection
SOUTHWEST DISTRICTWell 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	06-07-96	1.63 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	06-07-96	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	06-07-96	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	06-07-96	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	06-07-96	< 5. ug/L	5. ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	06-07-96	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	06-07-96	2.55 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	06-07-96	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	06-07-96	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	06-07-96	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	06-07-96	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	06-07-96	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	06-07-96	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	06-07-96	1.70 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	06-07-96	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	06-07-96	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	06-07-96	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	06-07-96	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	06-07-96	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	06-07-96	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	06-07-96	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	06-07-96	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	06-07-96	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	06-07-96	< 0.76 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	06-07-96	< 5. ug/L	5. ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	06-07-96	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	06-07-96	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	06-07-96	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	06-07-96	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	06-07-96	< 5. ug/L	5. ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	06-07-96	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	06-07-96	< 5. ug/L	5. ug/L
077128	Styrene	Bailer	No	EPA 8260	06-07-96	< 1. ug/L	1. ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	06-07-96	< 0.04 ug/L	0.04 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	06-07-96	< 0.1 ug/L	0.1 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	06-07-96	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 06/04/96Test Site ID #: 4025Report Period: 01/01/96 to 06/30/96Well 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	06-07-96	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	06-07-96	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	06-07-96	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	06-07-96	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	06-07-96	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	06-07-96	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	06-07-96	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	06-07-96	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	06-07-96	1.62 ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 1

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

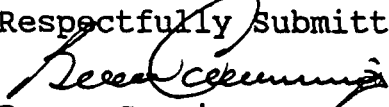
FIELD DATA Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA Parameter	Result	Units	Method
Total Ammonia (NH3-N)	2.96	mg/L	EPA 350.1
Bicarbonate as CaCO3	83.	mg/L	EPA 310.1
Chloride (Cl)	30.	mg/L	EPA 325.3
Iron (Fe)	12.3	mg/L	EPA 236.1
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Nitrate (NO3-N)	0.04	mg/L	EPA 353.2
Sodium (Na)	13.	mg/L	EPA 273.1
Total Dissolved Solids	166.	mg/L	EPA 160.1

40 CFR Part 258 Appendix I

Antimony (Sb)	< 0.003	mg/L	EPA 204.2
Arsenic (As)	< 0.005	mg/L	EPA 206.3
Barium (Ba)	< 0.02	mg/L	EPA 208.1
Beryllium (Be)	< 0.001	mg/L	EPA 210.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Cobalt (Co)	< 2.0	ug/L	EPA 6010
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Copper (Cu)	< 0.01	mg/L	EPA 220.1

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 2

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Lead (Pb)	0.001	mg/L	EPA 239.2
Nickel (Ni)	< 0.01	mg/L	EPA 249.1
Selenium (Se)	< 0.005	mg/L	EPA 270.3
Silver (Ag)	< 0.001	mg/L	EPA 272.2
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Vanadium (V)	< 4.0	ug/L	EPA 6010
Zinc (Zn)	0.010	mg/L	EPA 289.1
Acetone	1.1	ug/L	EPA 8260
Acrylonitrile	< 5.0	ug/L	EPA 8260
Benzene	< 1.	ug/L	EPA 8260
Bromochloromethane	< 1.	ug/L	EPA 8260
Bromodichloromethane	< 1.	ug/L	EPA 8260
Bromoform	< 2.	ug/L	EPA 8260
Carbon disulfide	< 1.0	ug/L	EPA 8260
Carbon tetrachloride	< 1.	ug/L	EPA 8260
Chlorobenzene	1.3	ug/L	EPA 8260
Chloroethane	< 1.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 3

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Chloroform	< 1.	ug/L	EPA 8260
Dibromochloromethane	< 1.	ug/L	EPA 8260
1,2-Dibromo-3-chloropropane	< 0.02	ug/L	EPA 8011
1,2-Dibromomethane	< 0.02	ug/L	EPA 8011
o-Dichlorobenzene	< 2.	ug/L	EPA 8260
p-Dichlorobenzene	< 2.	ug/L	EPA 8260
trans-1,4-Dichloro-2-butene	< 1.	ug/L	EPA 8260
1,1-Dichloroethane	< 2.	ug/L	EPA 8260
1,2-Dichloroethane	< 2.	ug/L	EPA 8260
1,1-Dichloroethylene	< 1.	ug/L	EPA 8260
cis-1,2-Dichloroethylene	< 2.	ug/L	EPA 8260
trans-1,2-Dichloroethylene	< 1.	ug/L	EPA 8260
1,2-Dichloropropane	< 1.	ug/L	EPA 8260
cis-1,3-Dichloropropene	< 1.	ug/L	EPA 8260
trans-1,3-Dichloropropene	< 1.	ug/L	EPA 8260
Ethylbenzene	< 1.	ug/L	EPA 8260
2-Hexanone	< 1.	ug/L	EPA 8260
Methyl bromide	< 1.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-26-96
Page 4

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

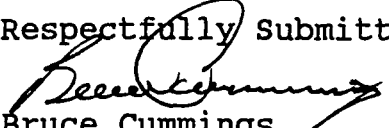
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Methyl chloride	< 1.	ug/L	EPA 8260
Methylene bromide	< 2.	ug/L	EPA 8260
Methylene chloride	< 2.	ug/L	EPA 8260
Methyl ethyl ketone	< 1.	ug/L	EPA 8260
Methyl iodide	< 2.	ug/L	EPA 8260
4-Methyl-2-pentanone	< 1.	ug/L	EPA 8260
Styrene	< 1.	ug/L	EPA 8260
1,1,1,2-Tetrachloroethane	< 1.	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	< 2.	ug/L	EPA 8260
Tetrachloroethylene	< 1.	ug/L	EPA 8260
Toluene	< 1.	ug/L	EPA 8260
1,1,1-Trichloroethane	< 2.	ug/L	EPA 8260
1,1,2-Trichloroethane	< 1.	ug/L	EPA 8260
Trichloroethylene	< 1.	ug/L	EPA 8260
Trichlorofluoromethane	< 1.	ug/L	EPA 8260
1,2,3-Trichloropropane	< 2.	ug/L	EPA 8260
Vinyl acetate	< 2.	ug/L	EPA 8260
Vinyl chloride	< 1.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-26-96
Page 5

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

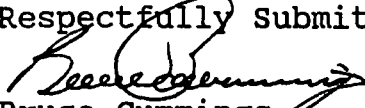
FIELD DATA Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA Parameter	Result	Units	Method
Xylene (total)	< 2.	ug/L	EPA 8260

40 CFR Part 258 Appendix II

Acenaphthene	< 5.	ug/L	EPA 8270A
Acenaphthylene	< 5.	ug/L	EPA 8270A
Acetone	1.1	ug/L	EPA 8260
Acetonitrile	< 100.	ug/L	EPA 8260
Acetophenone	< 10.	ug/L	EPA 8270A
2-Acetyaminofluorene	< 15.	ug/L	EPA 8270A
Acrolein	< 15.	ug/L	EPA 8260
Acrylonitrile	< 5.0	ug/L	EPA 8260
Aldrin	< 0.05	ug/L	EPA 8080
Allyl chloride	< 5.0	ug/L	EPA 8260
4-Aminobiphenyl	< 20.	ug/L	EPA 8270A
Antracene	< 5.0	ug/L	EPA 8270A
Antimony (Sb)	< 0.003	mg/L	EPA 204.2
Arsenic (As)	< 0.005	mg/L	EPA 206.3

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 6

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

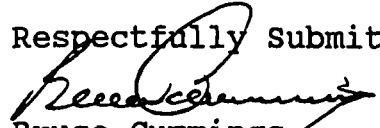
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Barium (Ba)	< 0.02	mg/L	EPA 208.1
Benzene	< 1.	ug/L	EPA 8260
Benzo(A)anthracene	< 5.	ug/L	EPA 8270A
Benzo(B)fluoranthene	< 5.	ug/L	EPA 8270A
Benzo(K)fluoranthene	< 5.	ug/L	EPA 8270A
Benzo(GHI)perylene	< 5.	ug/L	EPA 8270A
Benzo(A)pyrene	< 5.	ug/L	EPA 8270A
Benzyl alcohol	< 25.	ug/L	EPA 8270A
Beryllium (Be)	< 0.001	mg/L	EPA 210.2
A-BHC	< 0.05	ug/L	EPA 8080
B-BHC	< 0.05	ug/L	EPA 8080
D-BHC	< 0.05	ug/L	EPA 8080
G-BHC (Lindane)	< 0.05	ug/L	EPA 8080
Bis(2-chloroethoxy)methane	< 10.	ug/L	EPA 8270A
Bis(2-chloroethyl)ether	< 10.	ug/L	EPA 8270A
Bis(2-chloro-1-methylethyl)ether	< 10.	ug/L	EPA 8270A
Bis(2-ethylhexyl)phthalate	< 5.	ug/L	EPA 8270A
Bromochloromethane	< 1.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 7

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Bromodichloromethane	< 1.	ug/L	EPA 8260
Bromoform	< 2.	ug/L	EPA 8260
4-Bromophenyl phenyl ether	< 10.	ug/L	EPA 8270A
Butyl benzyl phthalate	< 10.	ug/L	EPA 8270A
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Carbon disulfide	< 1.	ug/L	EPA 8260
Carbon tetrachloride	< 1.	ug/L	EPA 8260
Chlordane	< 0.05	ug/L	EPA 8080
p-Chloroaniline	< 10.	ug/L	EPA 8270A
Chlorobenzene	< 1.3	ug/L	EPA 8260
Chlorobenzilate	< 20.	ug/L	EPA 8270A
4-Chloro-3-methylphenol	< 10.	ug/L	EPA 8270A
Chloroethane	< 1.	ug/L	EPA 8260
Chloroform	< 1.	ug/L	EPA 8260
2-Chloronaphthalene	< 10.	ug/L	EPA 8270A
2-Chlorophenol	< 10.	ug/L	EPA 8270A
4-Chlorophenyl phenyl ether	< 10.	ug/L	EPA 8270A
Chloroprene	< 2.	ug/L	EPA 8260

Respectfully Submitted,



Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners 01-26-96
Dept. of Solid Waste & Recycling Center Page 8
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Chrysene	< 5.	ug/L	EPA 8270A
Cobalt (Co)	< 2.0	ug/L	EPA 6010
Copper (Cu)	< 0.01	mg/L	EPA 220.1
m-Cresol	< 10.	ug/L	EPA 8270A
o-Cresol	< 10.	ug/L	EPA 8270A
p-Cresol	< 10.	ug/L	EPA 8270A
Cyanide (Cn)	< 0.01	mg/L	EPA 335.2
2,4-D	< 2.	ug/L	EPA 8150A
4,4-DDD	< 0.05	ug/L	EPA 8080
4,4-DDE	< 0.05	ug/L	EPA 8080
4,4-DDT	< 0.05	ug/L	EPA 8080
Diallate	< 25.	ug/L	EPA 8270A
Dibenz(A,H)anthracene	< 5.	ug/L	EPA 8270A
Dibenzofuran	< 10.	ug/L	EPA 8270A
Dibromochloromethane	< 1.	ug/L	EPA 8260
1,2-Dibromo-3-chloropropane	< 0.02	ug/L	EPA 8011
1,2-Dibromomethane	< 0.02	ug/L	EPA 8011

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 9

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Di-n-butyl phthalate	< 10.	ug/L	EPA 8270A
1,2-Dichlorobenzene	< 2.	ug/L	EPA 8260
1,3-Dichlorobenzene	< 2.	ug/L	EPA 8260
1,4-Dichlorobenzene	< 2.7	ug/L	EPA 8260
3,3'-Dichlorobenzidine	< 20.	ug/L	EPA 8270A
trans-1,4-Dichloro-2-butene	< 1.0	ug/L	EPA 8260
Dichlorodifluoromethane	< 1.	ug/L	EPA 8260
1,1-Dichloroethane	< 2.	ug/L	EPA 8260
1,2-Dichloroethane	< 2.	ug/L	EPA 8260
1,1-Dichloroethylene	< 1.	ug/L	EPA 8260
cis-1,2-Dichloroethylene	< 2.	ug/L	EPA 8260
trans-1,2-Dichloroethylene	< 1.	ug/L	EPA 8260
2,4-Dichlorophenol	< 10.	ug/L	EPA 8270A
2,6-Dichlorophenol	< 10.	ug/L	EPA 8270A
1,2-Dichloropropane	< 1.	ug/L	EPA 8260
1,3-Dichloropropane	< 1.	ug/L	EPA 8260
2,2-Dichloropropane	< 2.	ug/L	EPA 8260
1,1-Dichloropropene	< 2.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-26-96
Page 10

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

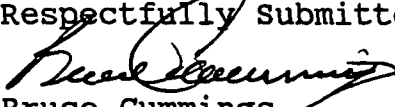
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
cis-1,3-Dichloropropene	< 1.	ug/L	EPA 8260
trans-1,3-Dichloropropene	< 1.	ug/L	EPA 8260
Dieldrin	< 0.05	ug/L	EPA 8080
Diethyl phthalate	< 10.	ug/L	EPA 8270A
0,0-Diethyl 0-2-pyrazinyl phosphorothioate	< 10.	ug/L	EPA 8270A
Dimethoate	< 15.	ug/L	EPA 8270A
p-(Dimethylamino)azobenzene	< 20.	ug/L	EPA 8270A
7,12-Dimethylbenz(A)anthracene	< 10.	ug/L	EPA 8270A
3,3'-Dimethylbenzidine	< 20.	ug/L	EPA 8270A
2,4-Dimethylphenol	< 10.	ug/L	EPA 8270A
Dimethyl phthalate	< 10.	ug/L	EPA 8270A
1,3-Dinitrobenzene	< 10.	ug/L	EPA 8270A
4,6-Dinitro-o-cresol	< 25.	ug/L	EPA 8270A
2,4-Dinitrophenol	< 10.	ug/L	EPA 8270A
2,4-Dinitrotoluene	< 10.	ug/L	EPA 8270A
2,6-Dinitrotoluene	< 10.	ug/L	EPA 8270A
Dinoseb	< 1.	ug/L	EPA 8150A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 11

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

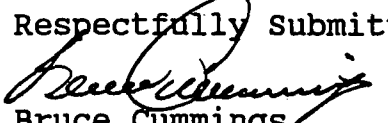
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Di-n-octyl phthalate	< 10.	ug/L	EPA 8270A
Diphenylamine	< 20.	ug/L	EPA 8270A
Disulfoton	< 20.	ug/L	EPA 8270A
Endosulfan-I	< 0.05	ug/L	EPA 8080
Endosulfan-II	< 0.05	ug/L	EPA 8080
Endosulfan sulfate	< 0.05	ug/L	EPA 8080
Endrin	< 0.05	ug/L	EPA 8080
Endrin aldehyde	< 0.05	ug/L	EPA 8080
Ethylbenzene	< 1.	ug/L	EPA 8260
Ethyl methacrylate	< 2.	ug/L	EPA 8260
Ethyl methanesulfonate	< 10.	ug/L	EPA 8270A
Famphor	< 20.	ug/L	EPA 8270A
Fluoranthene	< 5.	ug/L	EPA 8270A
Fluorene	< 5.	ug/L	EPA 8270A
Heptachlor	< 0.05	ug/L	EPA 8080
Heptachlor epoxide	< 0.05	ug/L	EPA 8080
Hexachlorobenzene	< 0.05	ug/L	EPA 8080
Hexachlorobutadiene	< 10.	ug/L	EPA 8270A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 12

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

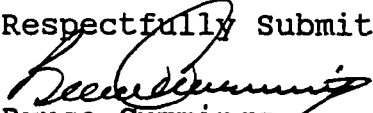
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Hexachlorocyclopentadiene	< 10.	ug/L	EPA 8270A
Hexachloroethane	< 10.	ug/L	EPA 8270A
Hexachloropropene	< 10.	ug/L	EPA 8270A
2-Hexanone	< 1.	ug/L	EPA 8260
Indeno(1,2,3-CD)pyrene	< 5.	ug/L	EPA 8270A
Isobutyl alcohol	< 5.	ug/L	EPA 8260
Isodrin	< 20.	ug/L	EPA 8270A
Isophorone	< 10.	ug/L	EPA 8270A
Isosafrole	< 10.	ug/L	EPA 8270A
Kepone	< 100.	ug/L	EPA 8270A
Lead (Pb)	0.001	mg/L	EPA 239.2
Mercury (Hg)	0.001	mg/L	EPA 245.2
Methacrylonitrile	< 2.	ug/L	EPA 8260
Methapyrilene	< 15.	ug/L	EPA 8270A
Methoxychlor	< 0.2	ug/L	EPA 8080
Methyl bromide	< 1.	ug/L	EPA 8260
Methyl chloride	< 1.	ug/L	EPA 8260
3-Methylchlolanthrene	< 15.	ug/L	EPA 8270A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 13

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

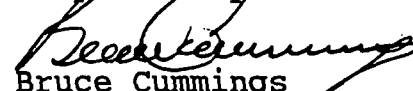
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Methyl ethyl ketone	< 1.	ug/L	EPA 8260
Methyl iodide	< 2.	ug/L	EPA 8260
Methyl methacrylate	< 2.	ug/L	EPA 8260
Methyl methanesulfonate	< 10.	ug/L	EPA 8270A
2-Methylnaphthalene	< 5.	ug/L	EPA 8270A
Methyl parathion	< 20.	ug/L	EPA 8270A
2-Methyl-2-pentanone	< 1.	ug/L	EPA 8260
Methylene bromide	< 2.	ug/L	EPA 8260
Methylene chloride	< 2.	ug/L	EPA 8260
Naphthalene	< 5.	ug/L	EPA 8270A
1,4-Naphthoquinone	< 15.	ug/L	EPA 8270A
1-Napththylamine	< 10.	ug/L	EPA 8270A
2-Napththylamine	< 10.	ug/L	EPA 8270A
Nickel (Ni)	< 0.01	mg/L	EPA 249.1
2-Nitroaniline	< 10.	ug/L	EPA 8270A
3-Nitroaniline	< 10.	ug/L	EPA 8270A
4-Nitroaniline	< 10.	ug/L	EPA 8270A
Nitrobenzene	< 10.	ug/L	EPA 8270A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 14

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

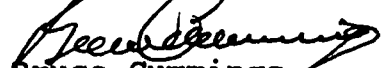
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
2-Nitrophenol	< 10.	ug/L	EPA 8270A
4-Nitrophenol	< 10.	ug/L	EPA 8270A
n-Nitrosodi-n-butylamine	< 10.	ug/L	EPA 8270A
n-Nitrosodiethylamine	< 10.	ug/L	EPA 8270A
n-Nitrosodimethylamine	< 10.	ug/L	EPA 8270A
n-Nitrosodiphenylamine	< 10.	ug/L	EPA 8270A
n-Nitroso-n-dipropylamine	< 10.	ug/L	EPA 8270A
n-Nitrosodimethylethylamine	< 10.	ug/L	EPA 8270A
n-Nitrosopiperidine	< 10.	ug/L	EPA 8270A
n-Nitrosopyrrolidine	< 10.	ug/L	EPA 8270A
5-Nitro-o-toluidine	< 20.	ug/L	EPA 8270A
Parathion	< 20.	ug/L	EPA 8270A
Pentachlorobenzene	< 20.	ug/L	EPA 8270A
Pentachloronitrobenzene	< 10.	ug/L	EPA 8270A
Pentachlorophenol	< 20.	ug/L	EPA 8270A
Phenacetin	< 10.	ug/L	EPA 8270A
Phenanthrene	< 5.	ug/L	EPA 8270A
Phenol	< 10.	ug/L	EPA 8270A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 15

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

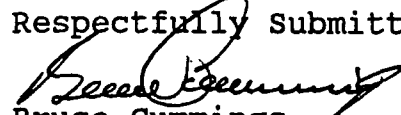
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
p-Phenylenediamine	< 10.	ug/L	EPA 8270A
Phorate	< 20.	ug/L	EPA 8270A
PCB's	< 0.5	ug/L	EPA 8080
Pronamide	< 10.	ug/L	EPA 8270A
Propionitrile	< 1.	ug/L	EPA 8260
Pyrene	< 5.0	ug/L	EPA 8270A
Safrole	< 15.	ug/L	EPA 8270A
Selenium (Se)	< 0.005	mg/L	EPA 270.3
Silver (Ag)	< 0.001	mg/L	EPA 272.2
Silvex; 2,4,5-TP	< 1.	ug/L	EPA 8150A
Styrene	< 1.	ug/L	EPA 8260
Sulfide (S)	1.31	mg/L	EPA 376.1
2,4,5-T	< 1.	ug/L	EPA 8150A
1,2,4,5-Tetrachlorobenzene	< 10.	ug/L	EPA 8270A
1,1,1,2-Tetrachloroethane	< 1.	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	< 2.	ug/L	EPA 8260
Tetrachloroethylene	< 1.	ug/L	EPA 8260
2,3,4,6-Tetrachlorophenol	< 10.	ug/L	EPA 8270A

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 16

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

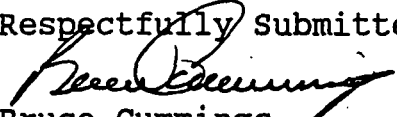
FIELD DATA

Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Thallium (Tl)	< 0.002	mg/L	EPA 279.2
Tin (Sn)	< 5.	ug/L	EPA 6010
Toluene	< 1.	ug/L	EPA 8260
o-Toluidine	< 20.	ug/L	EPA 8270A
Toxaphene	< 1.	ug/L	EPA 8080
1,2,4-Trichlorobenzene	< 10.	ug/L	EPA 8270A
1,1,1-Trichloroethane	< 2.	ug/L	EPA 8260
1,1,2-Trichloroethane	< 1.	ug/L	EPA 8260
Trichloroethylene	< 1.	ug/L	EPA 8260
Trichlorofluoromethane	< 1.	ug/L	EPA 8260
2,4,5-Trichlorophenol	< 10.	ug/L	EPA 8270A
2,4,6-Trichlorophenol	< 10.	ug/L	EPA 8270A
1,2,3-Trichloropropane	< 2.	ug/L	EPA 8260
o,o,o-Triethyl phosphorothioate	< 10.	ug/L	EPA 8270A
1,2,3-Trinitrobenzene	< 25.	ug/L	EPA 8270A
Vanadium (V)	< 4.	ug/L	EPA 6010
Vinyl Acetate	< 2.	ug/L	EPA 8260
Vinyl chloride	< 1.	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Director

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

01-26-96
Page 17

Laboratory Number: 44249

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 12-05-95 @ 1440
Received: 12-05-95 @ 1630

REPORT OF ANALYSIS

FIELD DATA

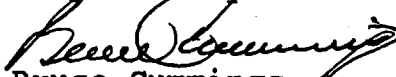
Parameter	Result	Units	Method
Conductivity	285.	umhos/cm	EPA 120.1
pH	5.50	S.U.	EPA 150.1
Dissolved Oxygen	2.8	mg/L	EPA 360.1
Temperature	25.6	Degrees C	EPA 170.1
Colors, Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Xylene (total)	< 1.	ug/L	EPA 8260
Zinc (Zn)	0.010	mg/L	EPA 289.1

EPA Methods 6010, 8080, 8150A, 8260 & 8270A
performed By HRS# E93080.

Respectfully Submitted,


Bruce Cummings
Laboratory Director

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/05/95

Test Site ID #: 4025A

Report Period: 07/01/95 to 12/31/95

Well 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	12-05-95 @ 1440	285. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-05-95 @ 1440	5.50 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-05-95 @ 1440	2.8 mg/L	0.1 mg/L
000010	Temperature (field)	Bailer	No	EPA 170.1	12-05-95 @ 1440	25.6 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-05-95 @ 1440	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-12-95 @ 1000	2.96 mg/L	0.04 mg/L
	Bicarbonate	Bailer	No	EPA 310.1	12-06-95 @ 1500	83. mg/L	1.0 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-95 @ 0900	30. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-06-95 @ 1000	12.3 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-06-95 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-27-95 @ 0930	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-29-95 @ 2200	13. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-09-95 @ 1530	166. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-06-95 @ 1000	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-06-95 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-06-95 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-06-95 @ 1000	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-06-95 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-06-95 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-11-95	< 2.0 ug/L	2.0 ug/L
001042	Copper	Bailer	No	EPA 220.1	12-06-95 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-06-95 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-06-95 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-06-95 @ 1000	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-06-95 @ 1000	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-19-95 @ 1300	< 0.002 mg/L	0.001 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-11-95	< 4.0 ug/L	4.0 ug/L
001092	Zinc	Bailer	No	EPA 289.1	12-06-95 @ 1000	0.010 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12/18/95	1.1 ug/L	1.0 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12/18/95	< 5.0 ug/L	5.0 ug/L

PART-III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/05/95Test Site ID #: 4025Report Period: 07/01/95 to 12/31/95Well 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	12/18/95	< 1.0 ug/L	1.0 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
032104	Bromoform	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12/18/95	1.3 ug/L	1. ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
032106	Chloroform	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12/18/95	< 0.4 ug/L	0.4 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	12/18/95	< 0.9 ug/L	0.9 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
077128	Styrene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12/18/95	< 2. ug/L	2. ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12/18/95	< 1. ug/L	1. ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001Sampling Date/Time: 12/05/95Test Site ID #: 4025Report Period: 07/01/95 to 12/31/95Well 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	12/18/95	< 1. ug/L	1. ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/11/95	< 2. ug/L	2. ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12/11/95	< 1. ug/L	1. ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12/11/95	< 1. ug/L	1. ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12/11/95	< 1. ug/L	1. ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12/11/95	< 2. ug/L	2. ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12/11/95	< 2. ug/L	2. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12/11/95	< 1. ug/L	1. ug/L
034020	Xylenes	Bailer	No	EPA 8260	12/11/95	< 2. ug/L	2. ug/L

leachate file

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

1-800-833-4022

HRS # 85344

(813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

06-20-95

Page 1

Laboratory Number: 36387

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 05-09-95 @ 1330
Received: 05-09-95 @ 1515

REPORT OF ANALYSIS

FIELD DATA
Parameter

Parameter	Result	Units	Method
pH	5.49	S.U.	EPA 150.1
Conductivity	240.	umhos/cm	EPA 120.1
Temperature	25.1	Degrees C	EPA 170.1
Dissolved Oxygen	1.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA
Parameter

Parameter	Result	Units	Method
Color	54.	Pt/Co	EPA 110.2
Total Dissolved Solids	116.	mg/L	EPA 160.1
Arsenic (As)	< 0.005	mg/L	EPA 206.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Iron (Fe)	12.0	mg/L	EPA 236.1
Lead (Pb)	0.002	mg/L	EPA 239.2
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Sodium (Na)	14.	mg/L	EPA 273.1
Bicarbonate as CaCO3	58.	mg/L	EPA 310.1
Chloride (Cl)	23.	mg/L	EPA 325.3
Ammonia Nitrogen (NH3-N)	3.32	mg/L	EPA 350.1
Ammonium Nitrogen (NH4-N)	3.32	mg/L	EPA 350.1
Nitrate (NO3-N)	< 0.02	mg/L	EPA 353.2
Total Organic Carbon	10.	mg/L	EPA 415.1

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

06-20-95
Page 2

Laboratory Number: 36387

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 05-09-95 @ 1330
Received: 05-09-95 @ 1515

REPORT OF ANALYSIS

FIELD DATA
Parameter

Parameter	Result	Units	Method
pH	5.49	S.U.	EPA 150.1
Conductivity	240.	umhos/cm	EPA 120.1
Temperature	25.1	Degrees C	EPA 170.1
Dissolved Oxygen	1.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA
Parameter

Parameter	Result	Units	Method
1,1,1-trichloroethane	< 1.	ug/L	EPA 601
1,1,2,2-tetrachloroethane	< 1.	ug/L	EPA 601
1,1,2-trichloroethane	< 1.	ug/L	EPA 601
1,1-dichloroethane	< 1.	ug/L	EPA 601
1,1-dichloroethene	< 1.	ug/L	EPA 601
1,2-dichloroethane	< 1.	ug/L	EPA 601
1,2-dichloropropane	< 1.	ug/L	EPA 601
2-chloroethylvinyl ether	< 1.	ug/L	EPA 601
Bromodichloromethane	< 1.	ug/L	EPA 601
Bromoform	< 1.	ug/L	EPA 601
Bromomethane	< 1.	ug/L	EPA 601
Carbon tetrachloride	< 1.	ug/L	EPA 601
Chloroethane	< 1.	ug/L	EPA 601
Chloroform	< 1.	ug/L	EPA 601
Chloromethane	< 1.	ug/L	EPA 601
Dibromochloromethane	< 1.	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

06-20-95
Page 3

Laboratory Number: 36387

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 05-09-95 @ 1330
Received: 05-09-95 @ 1515

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.49	S.U.	EPA 150.1
Conductivity	240.	umhos/cm	EPA 120.1
Temperature	25.1	Degrees C	EPA 170.1
Dissolved Oxygen	1.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Dichlorodifluoromethane	< 1.	ug/L	EPA 601
Methylene chloride	< 1.	ug/L	EPA 601
Tetrachloroethene	< 1.	ug/L	EPA 601
Trichloroethene	< 1.	ug/L	EPA 601
Trichlorofluoromethane	< 1.	ug/L	EPA 601
Vinyl chloride	< 1.	ug/L	EPA 601
cis-1,2-dichloroethene	< 1.	ug/L	EPA 601
cis-1,3-dichloropropene	< 1.	ug/L	EPA 601
trans-1,2-dichloroethene	< 1.	ug/L	EPA 601
trans-1,3-dichloropropene	< 1.	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344. (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

06-20-95
Page 4

Laboratory Number: 36387

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\J. Finn on 05-09-95 @ 1330
Received: 05-09-95 @ 1515

REPORT OF ANALYSIS

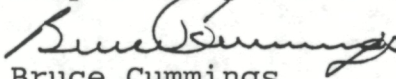
FIELD DATA Parameter	Result	Units	Method
pH	5.49	S.U.	EPA 150.1
Conductivity	240.	umhos/cm	EPA 120.1
Temperature	25.1	Degrees C	EPA 170.1
Dissolved Oxygen	1.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

1,2-dichlorobenzene	<	1.	ug/L	EPA 602
1,3-dichlorobenzene	<	1.	ug/L	EPA 602
1,4-dichlorobenzene	<	1.	ug/L	EPA 602
Benzene		1.4	ug/L	EPA 602
Chlorobenzene		1.9	ug/L	EPA 602
Ethylbenzene		1.4	ug/L	EPA 602
Methyl tertiary butyl ether	<	1.	ug/L	EPA 602
Toluene	<	1.	ug/L	EPA 602
Xylenes (total)		1.8	ug/L	EPA 602

EPA Methods 415.1, 601 & 602 performed by HRS # E84098

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

03-25-95
Page 1

Laboratory Number: 33878

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\R. Rapp on 02-21-95 @ 1215
Received: 02-21-95 @ 1445

D.E.P.
APR - 4 1995
TAMPA

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.84	S.U.	EPA 150.1
Conductivity	380.	umhos/cm	EPA 120.1
Temperature	20.9	Degrees C	EPA 170.1
Dissolved Oxygen	3.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Color	260.	Pt/Co	EPA 110.2
Total Dissolved Solids	216.	mg/L	EPA 160.1
Arsenic (As)	< 0.005	mg/L	EPA 206.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Iron (Fe)	73.6	mg/L	EPA 236.1
Lead (Pb)	< 0.001	mg/L	EPA 239.2
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Sodium (Na)	23.	mg/L	EPA 273.1
Bicarbonate as CaCO3	104.	mg/L	EPA 310.1
Chloride (Cl)	43.	mg/L	EPA 325.3
Ammonia Nitrogen (NH3-N)	5.89	mg/L	EPA 350.1
Ammonium Nitrogen (NH4-N)	5.89	mg/L	EPA 350.1
Nitrate (NO3-N)	0.03	mg/L	EPA 353.2
Total Organic Carbon	20.	mg/L	EPA 415.1

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

03-25-95
Page 2

Laboratory Number: 33878

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\R. Rapp on 02-21-95 @ 1215
Received: 02-21-95 @ 1445

REPORT OF ANALYSIS

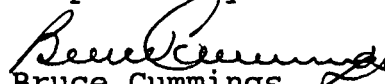
FIELD DATA

Parameter	Result	Units	Method
pH	5.84	S.U.	EPA 150.1
Conductivity	380.	umhos/cm	EPA 120.1
Temperature	20.9	Degrees C	EPA 170.1
Dissolved Oxygen	3.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
1,1,1-trichloroethane	< 1.	ug/L	EPA 601
1,1,2,2-tetrachloroethane	< 1.	ug/L	EPA 601
1,1,2-trichloroethane	< 1.	ug/L	EPA 601
1,1-dichloroethane	< 1.	ug/L	EPA 601
1,1-dichloroethene	< 1.	ug/L	EPA 601
1,2-dichloroethane	< 1.	ug/L	EPA 601
1,2-dichloropropane	< 1.	ug/L	EPA 601
2-chloroethylvinyl ether	< 1.	ug/L	EPA 601
Bromodichloromethane	< 1.	ug/L	EPA 601
Bromoform	< 1.	ug/L	EPA 601
Bromomethane	< 1.	ug/L	EPA 601
Carbon tetrachloride	< 1.	ug/L	EPA 601
Chloroethane	< 1.	ug/L	EPA 601
Chloroform	< 1.	ug/L	EPA 601
Chloromethane	< 1.	ug/L	EPA 601
Dibromochloromethane	< 1.	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

03-25-95
Page 3

Laboratory Number: 33878

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\R. Rapp on 02-21-95 @ 1215
Received: 02-21-95 @ 1445

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.84	S.U.	EPA 150.1
Conductivity	380.	umhos/cm	EPA 120.1
Temperature	20.9	Degrees C	EPA 170.1
Dissolved Oxygen	3.4	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Dichlorodifluoromethane	< 1.	ug/L	EPA 601
Methylene chloride	< 1.	ug/L	EPA 601
Tetrachloroethene	< 1.	ug/L	EPA 601
Trichloroethene	< 1.	ug/L	EPA 601
Trichlorofluoromethane	< 1.	ug/L	EPA 601
Vinyl chloride	< 1.	ug/L	EPA 601
cis-1,2-dichloroethene	< 1.	ug/L	EPA 601
cis-1,3-dichloropropene	< 1.	ug/L	EPA 601
trans-1,2-dichloroethene	< 1.	ug/L	EPA 601
trans-1,3-dichloropropene	< 1.	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

03-25-95
Page 4

Laboratory Number: 33878

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene\R. Rapp on 02-21-95 @ 1215
Received: 02-21-95 @ 1445

REPORT OF ANALYSIS

FIELD DATA

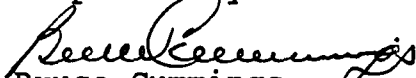
Parameter	Result	Units	Method
pH	5.84	S.U.	EPA 150.1
Conductivity	380.	umhos/cm	EPA 120.1
Temperature	20.9	Degrees C	EPA 170.1
Dissolved Oxygen	3.4	mg/L	EPA 360.1
Sheens	Sheen		

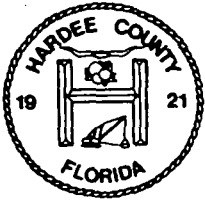
LABORATORY DATA

1,2-dichlorobenzene	<	0.05	ug/L	EPA 602
1,3-dichlorobenzene	<	0.02	ug/L	EPA 602
1,4-dichlorobenzene		2.3	ug/L	EPA 602
Benzene	<	0.01	ug/L	EPA 602
Chlorobenzene	<	0.01	ug/L	EPA 602
Ethylbenzene	<	0.01	ug/L	EPA 602
Methyl tertiary butyl ether	<	0.10	ug/L	EPA 602
Toluene	<	0.01	ug/L	EPA 602
Xylenes (total)	<	0.02	ug/L	EPA 602

EPA Methods 415.1, 601 & 602 performed by HRS # E83079

Respectfully Submitted,


Bruce Cummings
Laboratory Manager



HARDEE COUNTY
Department of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, Florida 33873

D.E.P.

January 6, 1995

JAN - 9 1995

Department of Environmental Protections
Allison Amram, Environmental Specialist III
Waste Management Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

SOUTHWEST DISTRICT
TAMPA

RE: Daily Water Balance and Summary for December, 1994 } to Kim Ford
Annual Summary of Daily Water Balance
Monthly Water Elevation Readings — to gradient file
Quarterly Ground Water and Leachate Analysis

Dear Ms. Amram:

Submitted for your review are the above referenced materials.
Please feel free to contact us should you have any questions.

Sincerely,

Janice Williamson

Janice Williamson,
Executive Secretary
Recycling Coordinator

cc: analysis/Chongman Lee - Tallahassee
Ed Hilton - PBS&J

HARDEE COUNTY SANITARY LANDFILL**GROUNDWATER ELEVATIONS**DATE: 11-18-94RECORDED BY: Rick Greene

LOCATION	ELEVATION TOP OF CASING	ELEVATION AT LAND SURFACE	HEIGHT OF CASING ABOVE L.S.	WATER DEPTH FROM TOP OF CASING	GROUNDWATER ELEVATION
MW-1	87.97	86.24	1.73	3.33	84.64
MW-2	85.86	83.68	2.18	3.50	82.36
MW-3	87.75	86.07	1.68	3.75	84.00
MW-4	87.16	84.44	2.72	4.50	82.66
MW-5	88.76	85.76	3.00	6.66	82.10
MW-6	87.94	84.68	3.26	5.57	82.37
MW-7	87.51	84.55	2.96	5.17	82.34
*****	*****	*****	*****	*****	*****
P-1	91.27	88.97	2.30	8.17	83.10
P-2	90.66	87.66	3.00	8.50	82.16
P-3	89.05	86.60	2.45	6.00	83.05
P-4	88.34	85.34	3.00	5.33	83.01
P-5	89.25	86.42	2.83	5.92	83.33
P-6	85.94	83.44	2.50	3.00	82.94
P-7	84.04	81.84	2.20	2.58	81.46
P-8	84.74	82.67	2.08	3.25	81.49
P-9	87.06	84.81	2.25	5.17	81.89
P-10	88.56	86.40	2.16	5.00	83.56
P-11	87.16	85.08	2.08	6.66	80.50
P-12	88.71	85.71	3.00	5.66	83.05
P-13	87.60	84.60	3.00	4.83	82.77
P-14	86.75	83.75	3.00	4.75	82.00

WATER ELEVATION IN THE DEWATERING DITCH: _____

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-03-95

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 1

Laboratory Number: 31464

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene on 11-18-94 @ 1215
Received: 11-18-94 @ 1600

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.58	S.U.	EPA 150.1
Conductivity	330.	umhos/cm	EPA 120.1
Temperature	23.9	Degrees C	EPA 170.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Color	126.	Pt/Co	EPA 110.2
Total Dissolved Solids	191.	mg/L	EPA 160.1
Arsenic (As)	< 0.005	mg/L	EPA 206.2
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Iron (Fe)	11.9	mg/L	EPA 236.1
Lead (Pb)	< 0.001	mg/L	EPA 239.1
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Sodium (Na)	20.	mg/L	EPA 273.1
Bicarbonate as CaCO3	103.	mg/L	EPA 310.1
Chloride (Cl)	28.	mg/L	EPA 325.3
Ammonia Nitrogen (NH3-N)	3.03	mg/L	EPA 350.1
Ammonium Nitrogen (NH4-N)	3.03	mg/L	EPA 350.1
Nitrate (NO3-N)	0.05	mg/L	EPA 353.2
Total Organic Carbon	17.	mg/L	EPA 415.1

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-03-95

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 2

Laboratory Number: 31464

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene on 11-18-94 @ 1215
Received: 11-18-94 @ 1600

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.58	S.U.	EPA 150.1
Conductivity	330.	umhos/cm	EPA 120.1
Temperature	23.9	Degrees C	EPA 170.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
1,1,1-trichloroethane	< 0.03	ug/L	EPA 601
1,1,2,2-tetrachloroethane	< 0.01	ug/L	EPA 601
1,1,2-trichloroethane	< 0.03	ug/L	EPA 601
1,1-dichloroethane	< 0.07	ug/L	EPA 601
1,1-dichloroethene	< 0.07	ug/L	EPA 601
1,2-dichloroethane	< 0.03	ug/L	EPA 601
1,2-dichloropropane	< 0.01	ug/L	EPA 601
2-chloroethylvinyl ether	< 0.13	ug/L	EPA 601
Bromodichloromethane	< 0.20	ug/L	EPA 601
Bromoform	< 0.50	ug/L	EPA 601
Bromomethane	< 1.1	ug/L	EPA 601
Carbon tetrachloride	< 0.01	ug/L	EPA 601
Chloroethane	< 0.10	ug/L	EPA 601
Chloroform	< 0.10	ug/L	EPA 601
Chloromethane	< 0.03	ug/L	EPA 601
Dibromochloromethane	< 0.20	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-03-95

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 3

Laboratory Number: 31464

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene on 11-18-94 @ 1215
Received: 11-18-94 @ 1600

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.58	S.U.	EPA 150.1
Conductivity	330.	umhos/cm	EPA 120.1
Temperature	23.9	Degrees C	EPA 170.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Dichlorodifluoromethane	< 0.05	ug/L	EPA 601
Methylene chloride	< 0.02	ug/L	EPA 601
Tetrachloroethene	< 0.04	ug/L	EPA 601
Trichloroethene	< 0.01	ug/L	EPA 601
Trichlorofluoromethane	< 0.03	ug/L	EPA 601
Vinyl chloride	< 0.04	ug/L	EPA 601
cis-1,2-dichloroethene	< 0.01	ug/L	EPA 601
cis-1,3-dichloropropene	< 0.06	ug/L	EPA 601
trans-1,2-dichloroethene	< 0.06	ug/L	EPA 601
trans-1,3-dichloropropene	< 0.06	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

01-03-95

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Page 4

Laboratory Number: 31464

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: R. Greene on 11-18-94 @ 1215
Received: 11-18-94 @ 1600

REPORT OF ANALYSIS

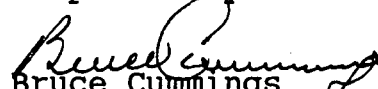
FIELD DATA Parameter	Result	Units	Method
pH	5.58	S.U.	EPA 150.1
Conductivity	330.	umhos/cm	EPA 120.1
Temperature	23.9	Degrees C	EPA 170.1
Dissolved Oxygen	1.8	mg/L	EPA 360.1
Sheens	Sheen		

LABORATORY DATA

1,2-dichlorobenzene	<	0.05	ug/L	EPA 602
1,3-dichlorobenzene	<	0.02	ug/L	EPA 602
1,4-dichlorobenzene	<	0.01	ug/L	EPA 602
Benzene	<	0.01	ug/L	EPA 602
Chlorobenzene	<	0.01	ug/L	EPA 602
Ethylbenzene	<	0.01	ug/L	EPA 602
Methyl tertiary butyl ether	<	0.10	ug/L	EPA 602
Toluene	<	0.01	ug/L	EPA 602
Xylenes (total)	<	0.02	ug/L	EPA 602

EPA Methods 415.1, 601 & 602 performed by HRS # E84098

Respectfully Submitted,


Bruce Cummings
Laboratory Manager



HARDEE COUNTY
Department of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, Florida 33873

October 6, 1994

Department of Environmental Protections
Allison Amram, Environmental Specialist III
Waste Management Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

RECEIVED
OCT 11 1994

Department of Environmental Protection
SOUTHWEST DISTRICT
BY _____

RE: Weekly Ground Water Elevations (September)
Monthly Water Balance for September
Quarterly Water Sampling and Analysis
Quarterly Methane Gas Monitoring
Quarterly Leachate Sampling and Analysis
Annual 40 CFR Sampling and Analysis of Leachate

Dear Ms. Amram:

Submitted for your review are the above referenced materials.
Should you have any questions or comments please feel free to
contact us.

Sincerely,

J.R. Prestridge,
Assistant County Manager
Solid Waste Superintendent

jw

CC: Chongman Lee, DEP, Tallahassee
Steve Dutch, Wade Trim Engineering

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 1

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

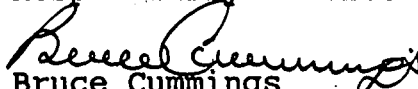
FIELD DATA

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
Color	510.	Pt/Co	EPA 110.2
Total Dissolved Solids	172.	mg/L	EPA 160.1
Arsenic (As)	0.006	mg/L	EPA 206.3
Cadmium (Cd)	< 0.002	mg/L	EPA 213.1
Chromium (Cr)	< 0.02	mg/L	EPA 218.1
Iron (Fe)	20.8	mg/L	EPA 236.1
Lead (Pb)	< 0.001	mg/L	EPA 239.2
Mercury (Hg)	< 0.001	mg/L	EPA 245.2
Sodium (Na)	14.	mg/L	EPA 273.1
Bicarbonate as CaCO3	71.	mg/L	EPA 310.1
Chloride (Cl)	30.	mg/L	EPA 325.3
Ammonia Nitrogen (NH3-N)	1.68	mg/L	EPA 350.1
Ammonium Nitrogen (NH4-N)	1.68	mg/L	EPA 350.1
Nitrate (NO3-N)	0.15	mg/L	EPA 353.2
Total Organic Carbon	19.	mg/L	EPA 415.1

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 2

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA

Parameter	Result	Units	Method
1,1,1-trichloroethane	< 0.03	ug/L	EPA 601
1,1,2,2-tetrachloroethane	< 0.01	ug/L	EPA 601
1,1,2-trichloroethane	< 0.03	ug/L	EPA 601
1,1-dichloroethane	< 0.07	ug/L	EPA 601
1,1-dichloroethene	< 0.07	ug/L	EPA 601
1,2-dichloroethane	< 0.03	ug/L	EPA 601
1,2-dichloropropane	< 0.01	ug/L	EPA 601
2-chloroethylvinyl ether	< 0.13	ug/L	EPA 601
Bromodichloromethane	< 0.20	ug/L	EPA 601
Bromoform	< 0.50	ug/L	EPA 601
Bromomethane	< 1.1	ug/L	EPA 601
Carbon tetrachloride	< 0.01	ug/L	EPA 601
Chloroethane	< 0.10	ug/L	EPA 601
Chloroform	< 0.10	ug/L	EPA 601
Chloromethane	< 0.03	ug/L	EPA 601
Dibromochloromethane	< 0.20	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 3

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA
Parameter

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA
Parameter

Parameter	Result	Units	Method
Dichlorodifluoromethane	< 1.	ug/L	EPA 601
Methylene chloride	< 0.02	ug/L	EPA 601
Tetrachloroethene	< 0.04	ug/L	EPA 601
Trichloroethene	< 0.01	ug/L	EPA 601
Trichlorofluoromethane	< 0.03	ug/L	EPA 601
Vinyl chloride	< 0.04	ug/L	EPA 601
cis-1,2-dichloroethene	< 0.01	ug/L	EPA 601
cis-1,3-dichloropropene	< 0.06	ug/L	EPA 601
trans-1,2-dichloroethene	< 0.06	ug/L	EPA 601
trans-1,3-dichloropropene	< 0.06	ug/L	EPA 601

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners 10-01-94
Dept. of Solid Waste & Recycling Center Page 4
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA

1,2-dichlorobenzene	<	0.05	ug/L	EPA 602
1,3-dichlorobenzene	<	0.02	ug/L	EPA 602
1,4-dichlorobenzene	<	0.01	ug/L	EPA 602
Benzene	<	0.01	ug/L	EPA 602
Chlorobenzene	<	0.01	ug/L	EPA 602
Ethylbenzene	<	0.01	ug/L	EPA 602
Methyl tertiary butyl ether	<	0.10	ug/L	EPA 602
Toluene	<	0.01	ug/L	EPA 602
Xylenes (total)	<	0.02	ug/L	EPA 602

EPA Methods 415.1, 601 & 602 performed by HRS # E84098

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 5

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II INORGANICS

Antimony (Sb)	<	0.003	mg/L	EPA 204.2
Arsenic (As)		0.006	mg/L	EPA 206.3
Barium (Ba)	<	0.02	mg/L	EPA 208.1
Beryllium (Be)	<	0.001	mg/L	EPA 210.2
Cadmium (Cd)	<	0.002	mg/L	EPA 213.1
Chromium (Cr)	<	0.02	mg/L	EPA 218.1
Cobalt (Co)	<	0.05	mg/L	EPA 200.7
Copper (Cu)	<	0.01	mg/L	EPA 220.1
Cyanide (Cn)	<	0.01	mg/L	EPA 335.2
Lead (Pb)	<	0.001	mg/L	EPA 239.2
Mercury (Hg)	<	0.001	mg/L	EPA 224.2
Nickel (Ni)	<	0.01	mg/L	EPA 249.1
Selenium (Se)	<	0.005	mg/L	EPA 270.3
Silver (Ag)	<	0.001	mg/L	EPA 272.2
Sulfide (S)	<	0.04	mg/L	EPA 376.1
Thallium (Tl)	<	0.002	mg/L	EPA 279.2
Tin (Sn)	<	0.1	mg/L	EPA 200.7
Vanadium (V)	<	0.1	mg/L	EPA 200.7
Zinc (Zn)	<	0.005	mg/L	EPA 289.1

EPA 200.7 performed by HRS # E84098

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 6

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

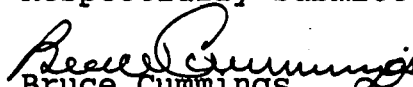
FIELD DATA

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II PESTICIDES & PCB's

Aldrin	<	0.004	ug/L	EPA 608
A-BHC	<	0.003	ug/L	EPA 608
B-BHC	<	0.006	ug/L	EPA 608
D-BHC	<	0.009	ug/L	EPA 608
G-BHC (Lindane)	<	0.004	ug/L	EPA 608
Chlordane	<	0.02	ug/L	EPA 608
4,4-DDD	<	0.011	ug/L	EPA 608
4,4-DDE	<	0.004	ug/L	EPA 608
4,4-DDT	<	0.012	ug/L	EPA 608
Dieldrin	<	0.004	ug/L	EPA 608
Endosulfan-I	<	0.014	ug/L	EPA 608
Endosulfan-II	<	0.004	ug/L	EPA 608
Endosulfan sulfate	<	0.030	ug/L	EPA 608
Endrin	<	0.006	ug/L	EPA 608
Endrin aldehyde	<	0.006	ug/L	EPA 608
Heptachlor	<	0.003	ug/L	EPA 608
Heptachlor epoxide	<	0.010	ug/L	EPA 608
Methoxychlor	<	0.05	ug/L	EPA 608
PCB's	<	0.25	ug/L	EPA 608

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners 10-01-94
Dept. of Solid Waste & Recycling Center Page 7
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II PESTICIDES & PCB's

Toxaphene	< 0.2	ug/L	EPA 608
-----------	-------	------	---------

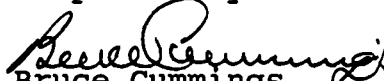
LABORATORY DATA - CFR 40 PART 258 APPENDIX II HERBICIDES

2,4-D	< 0.2	ug/L	EPA 8150
Dinoseb	< 0.2	ug/L	EPA 8150
Silvex; 2,4,5-TP	< 0.1	ug/L	EPA 8150
2,4,5-T	< 0.2	ug/L	EPA 8150

LABORATORY DATA - CFR 40 PART 258 APPENDIX II VOLATILES

Acetone	< 2.5	ug/L	EPA 8260
Acetonitrile	< 10.	ug/L	EPA 8260
Acrolein	< 1.7	ug/L	EPA 8260
Acrylonitrile	< 1.5	ug/L	EPA 8260
Allyl chloride	< 0.5	ug/L	EPA 8260
Benzene	< 0.04	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 8

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II VOLATILES

Bromochloromethane	<	0.5	ug/L	EPA 8260
Bromodichloromethane	<	0.08	ug/L	EPA 8260
Bromoform	<	0.12	ug/L	EPA 8260
Carbon disulfide	<	5.0	ug/L	EPA 8260
Carbon tetrachloride	<	0.21	ug/L	EPA 8260
Chlorobenzene	<	0.04	ug/L	EPA 8260
Chloroethane	<	0.10	ug/L	EPA 8260
Chloroform	<	0.03	ug/L	EPA 8260
Chloroprene	<	0.03	ug/L	EPA 8260
Dibromochloromethane	<	0.05	ug/L	EPA 8260
1,2-Dibromo-3-chloropropane	<	0.5	ug/L	EPA 8260
1,2-Dibromomethane	<	0.5	ug/L	EPA 8260
1,2-Dichlorobenzene	<	0.03	ug/L	EPA 8260
1,3-Dichlorobenzene	<	0.12	ug/L	EPA 8260
1,4-Dichlorobenzene	<	0.03	ug/L	EPA 8260
trans-1,4-Dichloro-2-butene	<	10.	ug/L	EPA 8260
Dichlorodifluoromethane	<	0.10	ug/L	EPA 8260
1,1-Dichloroethane	<	0.06	ug/L	EPA 8260
1,2-Dichloroethane	<	0.06	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 9

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II VOLATILES

1,1-Dichloroethene	<	0.12	ug/L	EPA 8260
cis-1,2-Dichloroethene	<	0.10	ug/L	EPA 8260
trans-1,2-Dichloroethene	<	0.06	ug/L	EPA 8260
1,2-Dichloropropane	<	0.04	ug/L	EPA 8260
1,3-Dichloropropane	<	5.0	ug/L	EPA 8260
2,2-Dichloropropane	<	5.0	ug/L	EPA 8260
1,1-Dichloropropene	<	5.0	ug/L	EPA 8260
cis-1,3-Dichloropropene	<	0.05	ug/L	EPA 8260
trans-1,3-Dichloropropene	<	0.04	ug/L	EPA 8260
Ethylbenzene	<	0.06	ug/L	EPA 8260
Ethyl methacrylate	<	0.50	ug/L	EPA 8260
2-Hexanone	<	5.0	ug/L	EPA 8260
Isobutyl alcohol	<	10.	ug/L	EPA 8260
Methacrylonitrile	<	10.	ug/L	EPA 8260
Methyl bromide	<	0.11	ug/L	EPA 8260
Methyl chloride	<	0.13	ug/L	EPA 8260
Methyl ethyl ketone	<	5.0	ug/L	EPA 8260
Methyl iodide	<	0.5	ug/L	EPA 8260
Methyl methacrylate	<	0.5	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners 10-01-94
Dept. of Solid Waste & Recycling Center Page 10
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II VOLATILES

4-Methyl-2-pentanone	<	5.0	ug/L	EPA 8260
Methylene bromide	<	0.30	ug/L	EPA 8260
Methylene chloride	<	0.03	ug/L	EPA 8260
Propionitrile	<	10.	ug/L	EPA 8260
Styrene	<	1.0	ug/L	EPA 8260
1,1,1,2-Tetrachloroethane	<	0.10	ug/L	EPA 8260
1,1,2,2-Tetrachloroethane	<	0.04	ug/L	EPA 8260
Tetrachloroethene	<	0.14	ug/L	EPA 8260
Toluene	<	0.11	ug/L	EPA 8260
1,1,1-Trichloroethane	<	0.08	ug/L	EPA 8260
1,1,2-Trichloroethane	<	0.10	ug/L	EPA 8260
Trichloroethene	<	0.19	ug/L	EPA 8260
Trichlorofluoromethane	<	0.08	ug/L	EPA 8260
1,2,3-Trichloropropane	<	0.30	ug/L	EPA 8260
Vinyl acetate	<	10.	ug/L	EPA 8260
Vinyl chloride	<	0.17	ug/L	EPA 8260
Xylene (total)	<	0.11	ug/L	EPA 8260

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 11

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II BASE NEUTRALS

Acenaphthene	<	1.9	ug/L	EPA 8270
Acenaphthylene	<	2.5	ug/L	EPA 8270
Acetophenone	<	5.0	ug/L	EPA 8270
2-Acetylaminofluorene	<	7.5	ug/L	EPA 8270
4-Aminobiphenyl	<	5.0	ug/L	EPA 8270
Antracene	<	1.9	ug/L	EPA 8270
Benzo(A)anthracene	<	3.1	ug/L	EPA 8270
Benzo(B)fluoranthene	<	2.5	ug/L	EPA 8270
Benzo(K)fluoranthene	<	2.5	ug/L	EPA 8270
Benzo(GHI)perylene	<	4.1	ug/L	EPA 8270
Benzo(A)pyrene	<	2.5	ug/L	EPA 8270
Benzyl alcohol	<	5.0	ug/L	EPA 8270
Bis(2-chloroethoxy)methane	<	5.3	ug/L	EPA 8270
Bis(2-chloroethyl)ether	<	5.7	ug/L	EPA 8270
Bis(2-chloro-1-methylethyl)ether	<	5.7	ug/L	EPA 8270
Bis(2-ethylhexyl)phthalate	<	2.5	ug/L	EPA 8270
4-Bromophenyl phenyl ether	<	1.9	ug/L	EPA 8270
Butyl benzyl phthalate	<	2.5	ug/L	EPA 8270
p-Chloroaniline	<	6.0	ug/L	EPA 8270

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 12

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II BASE NEUTRALS

Chlorobenzilate	< 10.	ug/L	EPA 8270
2-Chloronaphthalene	< 1.9	ug/L	EPA 8270
4-Chlorophenyl phenyl ether	< 4.2	ug/L	EPA 8270
Chrysene	< 2.5	ug/L	EPA 8270
Diallate	< 5.0	ug/L	EPA 8270
Dibenz(A,H)anthracene	< 2.5	ug/L	EPA 8270
Dibenzofuran	< 5.0	ug/L	EPA 8270
Di-n-butyl phthalate	< 2.5	ug/L	EPA 8270
3,3'-Dichlorobenzidine	< 3.2	ug/L	EPA 8270
Diethyl phthalate	< 1.9	ug/L	EPA 8270
0,0-Diethylphosphorothioate	< 10.	ug/L	EPA 8270
Dimethoate	< 5.0	ug/L	EPA 8270
p-(Dimethylamino)azobenzene	< 6.0	ug/L	EPA 8270
7,12-Dimethylbenz(A)anthracene	< 5.0	ug/L	EPA 8270
3,3-Dimethylbenzidine	< 30.	ug/L	EPA 8270
Dimethyl phthalate	< 1.6	ug/L	EPA 8270
m-Dinitrobenzene	< 10.	ug/L	EPA 8270
2,4-Dinitrotolune	< 5.7	ug/L	EPA 8270
2,6-Dinitrotolune	< 1.9	ug/L	EPA 8270

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners 10-01-94
Dept. of Solid Waste & Recycling Center Page 13
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

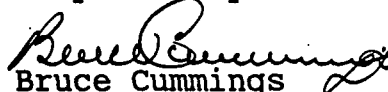
REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II BASE NEUTRALS

Di-n-octyl phthalate	< 2.5	ug/L	EPA 8270
Diphenylamine	< 5.0	ug/L	EPA 8270
Disulfoton	< 5.0	ug/L	EPA 8270
Ethyl methanesulfonate	< 10.	ug/L	EPA 8270
Famphor	< 20.	ug/L	EPA 8270
Fluoranthene	< 2.2	ug/L	EPA 8270
Fluorene	< 1.9	ug/L	EPA 8270
Hexachlorobenzene	< 1.9	ug/L	EPA 8270
Hexachlorobutadiene	< 0.9	ug/L	EPA 8270
Hexachlorocyclopentadiene	< 5.0	ug/L	EPA 8270
Hexachloroethane	< 1.6	ug/L	EPA 8270
Hexachloropropene	< 5.0	ug/L	EPA 8270
Indeno(1,2,3-CD)pyrene	< 3.7	ug/L	EPA 8270
Isodrin	< 6.0	ug/L	EPA 8270
Isophorone	< 2.2	ug/L	EPA 8270
Isosafrole	< 5.0	ug/L	EPA 8270
Kepone	< 30.	ug/L	EPA 8270
Methapyrilene	< 30.	ug/L	EPA 8270
3-Methylcholanthrene	< 5.0	ug/L	EPA 8270

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 14

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA

Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II BASE NEUTRALS

Methyl methanesulfonate	<	10.	ug/L	EPA 8270
2-Methylnaphthalene	<	2.0	ug/L	EPA 8270
Methyl parathion	<	15.	ug/L	EPA 8270
Naphthalene	<	1.6	ug/L	EPA 8270
1,4-Naphthoquinone	<	7.5	ug/L	EPA 8270
1-Naphthylamine	<	10.	ug/L	EPA 8270
2-Naphthylamine	<	10.	ug/L	EPA 8270
2-Nitroaniline	<	20.	ug/L	EPA 8270
3-Nitroaniline	<	20.	ug/L	EPA 8270
4-Nitroaniline	<	20.	ug/L	EPA 8270
Nitrobenzene	<	1.9	ug/L	EPA 8270
N-Nitrosodi-n-butylamine	<	10.	ug/L	EPA 8270
N-Nitrosodiethylamine	<	10.	ug/L	EPA 8270
N-Nitrosodimethylamine	<	10.	ug/L	EPA 8270
N-Nitrosodiphenylamine	<	1.9	ug/L	EPA 8270
N-Nitrosodipropylamine	<	10.	ug/L	EPA 8270
N-Nitrosomethylethalamine	<	10.	ug/L	EPA 8270
N-Nitrosopiperidine	<	10.	ug/L	EPA 8270
N-Nitrosopyrrolidine	<	15.	ug/L	EPA 8270

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS # 85344 (813) 655-4022

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

10-01-94
Page 15

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II BASE NEUTRALS

5-Nitro-o-toluidine	< 10.	ug/L	EPA 8270
Parathion	< 15.	ug/L	EPA 8270
Pentachlorobenzene	< 5.0	ug/L	EPA 8270
Pentachloronitrobenzene	< 10.	ug/L	EPA 8270
Phenacetin	< 10.	ug/L	EPA 8270
Phenanthracene	< 5.4	ug/L	EPA 8270
p-Phenylenediamine	< 10.	ug/L	EPA 8270
Phorate	< 3.0	ug/L	EPA 8270
Pronamide	< 10.	ug/L	EPA 8270
Pyrene	< 1.9	ug/L	EPA 8270
Safrole	< 7.5	ug/L	EPA 8270
o-Toluidine	< 10.	ug/L	EPA 8270
1,2,4-Trichlorobenzene	< 1.9	ug/L	EPA 8270
o,o,o-Triethyl phosphorothioate	< 30.	ug/L	EPA 8270
sym-Trinitrobenzene	< 10.	ug/L	EPA 8270

Respectfully Submitted,


Bruce Cummings
Laboratory Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33870

1-800-833-4022

HRS # 85344

(813) 655-4022

10-01-94

Page 16

For: Hardee County Board of County Commissioners
Dept. of Solid Waste & Recycling Center
P.O. Box 246
Wauchula, FL 33873
Attn: J.R. Prestridge

Laboratory Number: 28757

Sample type: Leachate
Project: Hardee County
Location: Landfill
Sample ID: Leachate
Sampled by: D. Costello/R. Greene on 08-22-94 @ 1330
Received: 08-22-94 @ 1530

REPORT OF ANALYSIS

FIELD DATA

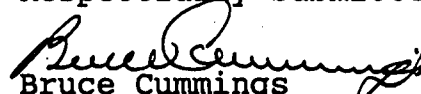
Parameter	Result	Units	Method
pH	5.10	S.U.	EPA 150.1
Conductivity	300.	umhos/cm	EPA 120.1
Temperature	27.1	Degrees C	EPA 170.1
Dissolved Oxygen	2.4	mg/L	EPA 360.1
Sheens	No Sheen		

LABORATORY DATA - CFR 40 PART 258 APPENDIX II ACID EXTRACTABLES

p-Chloro-m-cresol	<	3.0	ug/L	EPA 8270
2-Chlorophenol	<	3.3	ug/L	EPA 8270
m-Cresol	<	3.5	ug/L	EPA 8270
o-Cresol	<	3.5	ug/L	EPA 8270
p-Cresol	<	3.5	ug/L	EPA 8270
2,4-Dichlorophenol	<	2.7	ug/L	EPA 8270
2,6-Dichlorophenol	<	5.0	ug/L	EPA 8270
2,4-Dimethylphenol	<	2.7	ug/L	EPA 8270
2,4-Dinitrophenol	<	5.0	ug/L	EPA 8270
4,6-Dinitro-o-cresol	<	9.5	ug/L	EPA 8270
o-Nitrophenol	<	3.6	ug/L	EPA 8270
p-Nitrophenol	<	2.4	ug/L	EPA 8270
Pentachlorophenol	<	3.6	ug/L	EPA 8270
Phenol	<	1.5	ug/L	EPA 8270
2,3,4,6-Tetrachlorophenol	<	5.0	ug/L	EPA 8270
2,4,5-Trichlorophenol	<	3.9	ug/L	EPA 8270
2,4,6-Trichlorophenol	<	2.7	ug/L	EPA 8270

EPA 608,8150,8260,8270 performed by HRS # E84098

Respectfully Submitted,


Bruce Cummings
Laboratory Manager



Environmental Certification
HRS #E83079

HARDEE COUNTY
74 HANCHEY RD.
WAUCHULA, FL 33873
ATT: J. R. PRESTRIDGE

ENVIROLAB

1032 U.S. Highway One, North
P.O. Box 463
Ormond Beach, Florida 32175
(904) 872-5668
Fax (904) 673-4001
Drinking Water Certification
HRS #83160

Submission #: 9402000115
Date Received: 02/09/94
Date Reported: 02/28/94

Client PO Number: "
Project Number:
Project: LEACHATE DISP.

Page 1

Order Number: 46921
Date Sampled: 02/09/94
Client Sample Number: 1
Sample Description: LEACHATE

Method	Component	Units	Result	Analyst	Date Analyzed	Date Prepared
204.2	ANTIMONY	MG/L	<0.003	BB	02/16/94	
208.1	BARIUM	MG/L	<0.05	BB	02/15/94	
210.1	BERYLLIUM	MG/L	<0.005	BB	02/15/94	
220.1	COPPER	MG/L	<0.01	BB	02/14/94	
243.1	MANGANESE	MG/L	0.03	BB	02/14/94	
270.2	SELENIUM	MG/L	<0.002	BB	02/15/94	
272.1	SILVER	MG/L	<0.01	BB	02/16/94	
279.2	THALLIUM	MG/L	<0.001	BB	02/16/94	
289.1	ZINC	MG/L	0.014	BB	02/14/94	
604	CHLORINATED PHENOLS	MG/L	<0.005	FG	02/10/94	
604	TRICHLOROPHENOLS	MG/L	<0.005	FG	02/10/94	
604	CHLORINATED CRESOLS	MG/L	<0.005	FG	02/10/94	
604	2-CHLOROPHENOL	MG/L	<0.005	FG	02/10/94	
604	2,4-DICHLOROPHENOL	MG/L	<0.005	FG	02/10/94	
604	PENTACHLOROPHENOL	MG/L	<0.005	FG	02/10/94	
604	2,4-DINITROPHENOL	MG/L	<0.005	FG	02/10/94	
604	PHENOL	MG/L	<0.005	FG	02/10/94	
608	ALDRIN	MG/L	<0.001	FG	02/10/94	
608	DIELDRIN	MG/L	<0.001	FG	02/10/94	
608	CHLORDANE	MG/L	<0.001	FG	02/10/94	
608	DDT	MG/L	<0.001	FG	02/10/94	
608	ENDOSULFAN	MG/L	<0.001	FG	02/10/94	
608	ENDRIN	MG/L	<0.001	FG	02/10/94	
608	HEPTACHLOR	MG/L	<0.001	FG	02/10/94	
608	LINDANE	MG/L	<0.001	FG	02/10/94	
608	MALATHION	MG/L	<0.005	FG	02/10/94	
608	METHOXYCHLOR	MG/L	<0.001	FG	02/10/94	
608	MIREX	MG/L	<0.001	FG	02/10/94	
608	POLYCHLORINATED BIPHENYL	MG/L	<0.001	FG	02/10/94	
614	DEMETON	MG/L	<0.005	FG	02/10/94	
614	GUTHION	MG/L	<0.005	FG	02/10/94	
614	PARATHION	MG/L	<0.005	FG	02/10/94	



Environmental Certification
HRS #E83079

HARDEE COUNTY
74 HANCHEY RD.
WAUCHULA, FL 33873
ATT: J. R. PRESTRIDGE

ENVIROLAB

1032 U.S. Highway One, North
P.O. Box 463
Ormond Beach, Florida 32175
(804) 672-5863
Fax (904) 673-4001
Drinking Water Certification
HRS #153160

Submission #: 9402000115
Date Received: 02/09/94
Date Reported: 02/28/94

Client PO Number:
Project Number:
Project: LEACHATE DISP.

Page 2

Order Number: 46921
Date Sampled: 02/09/94
Client Sample Number: 1
Sample Description: LEACHATE

Method	Component	Units	Result	Analyst	Date Analyzed	Date Prepared
8260	BENZENE	MG/L	<0.001	FG	02/11/94	
8260	TOLUENE	MG/L	<0.001	FG	02/11/94	
8260	ETHYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	M-XYLENE	MG/L	<0.001	FG	02/11/94	
8260	P-XYLENE	MG/L	<0.001	FG	02/11/94	
8260	O-XYLENE	MG/L	<0.001	FG	02/11/94	
8260	TOTAL XYLENES	MG/L	<0.001	FG	02/11/94	
8260	TOTAL BTEX	MG/L	<0.001	FG	02/11/94	
8260	2-ETHYLTOLUENE	MG/L	<0.001	FG	02/11/94	
8260	3,4-ETHYLTOLUENE	MG/L	<0.001	FG	02/11/94	
8260	TOTAL TOLUENE	MG/L	<0.001	FG	02/11/94	
8260	1,3,5-TRIMETHYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	1,2,4-TRIMETHYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	1,2,3-TRIMETHYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	TOTAL TRIMETHYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	VINYL CHLORIDE	MG/L	<0.001	FG	02/11/94	
8260	1,1-DICHLOROETHANE	MG/L	<0.001	FG	02/11/94	
8260	TRANS-1,2-DICHLOROETHENE	MG/L	<0.001	FG	02/11/94	
8260	CARBON TETRACHLORIDE	MG/L	<0.001	FG	02/11/94	
8260	TRICHLOROETHENE	MG/L	<0.001	FG	02/11/94	
8260	PERCHLOROETHENE	MG/L	<0.001	FG	02/11/94	
8260	N-PROPYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	ISOPROPYLBENZENE	MG/L	<0.001	FG	02/11/94	
8260	2-PROPANOL	MG/L	<0.005	FG	02/11/94	
8260	TETRAHYDROFURAN	MG/L	<0.001	FG	02/11/94	
8260	CHLOROBENZENE	MG/L	<0.001	FG	02/11/94	
8260	1,4-DICHLOROBENZENE	MG/L	<0.001	FG	02/11/94	
8260	1,1,1-TRICHLOROETHANE	MG/L	<0.001	FG	02/11/94	



Environmental Certification
HRS #E83079

HARDEE COUNTY
74 HANCHEY RD.
WAUCHULA, FL 33873
ATT: J. R. PRESTRIDGE

ENVIROLAB

1032 U.S. Highway One, North
P.O. Box 468
Ormond Beach, Florida 32175
(904) 672-5663
Fax (904) 673-4001
Drinking Water Certification
HRS #83160

Submission #: 9402000115
Date Received: 02/09/94
Date Reported: 02/28/94

Client PO Number:
Project Number:
Project: LEACHATE DISP.

Page 3

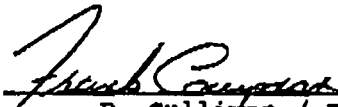
Order Number: 46921
Date Sampled: 02/09/94
Client Sample Number: 1
Sample Description: LEACHATE

Method	Component	Units	Result	Analyst	Date Analyzed	Date Prepared
--------	-----------	-------	--------	---------	---------------	---------------

QC ACCEPTABLE

FEB 28 1994

R.A. ELEFRITZ, SR.


R. Sullivan / F. Guzman
President / Vice-President