WAC 40012

: 1995 13:47 8137733307 HARDEE COUNTY S.W. 4025C30001

DEP Form # 62-[illegible]
Form Title GROUND [illegible] REPORT
Effective Date
DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

1) Facility Name Hardee County Solid Waste Disposal Facility

Address 685 Airport Road

City Wauchula, FL Zip 33873

Telephone Number (941) 773-5089

2) The GMS Identification Number 4025C30001

3) DEP Permit Number SO25-214306

4) Authorized Representative Name Bruce Cummings

Address 10405 US 27 South

City Sebring, FL Zip 33870

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 report and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: January 27, 2000 For Hardee County BOCC

Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

RECEIVED
FEB 4 - 2000
Solid Waste Section

Sample Organization Comp QAP # 880516

Analytical Lab Comp QAP #/HRS Certification # 880516, E85458

Comp QAP #/HRS Certification # 870072, E84098

Lab Name Short Environmental Laboratories, Inc.

Address 10405 US 27 South, Sebring, FL 33870

Phone Number (863) 655-4022

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

Hardee County Solid Waste Department

February 1, 2000

Department of Environmental Protections
Attention: Allison Amram, Environmental specialists
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

Dear Ms. Amram:

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

Sincerely,

Janice Williamson,
Solid Waste Superintendent

Cc: Chongman Lee - DEP, Tallahassee

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

RECEIVED
FEB 4 - 2000
Solid Waste Section

HARDEE COUNTY SANITARY LANDFILL

GROUNDWATER ELEVATIONS

DATE: 12/06/99

RECORDED BY: J Finn/E McCarta

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	5.80	82.17
MW-2	85.86	83.68	2.18	7.10	78.76
MW-3	87.75	86.07	1.68		
MW-4	87.16	84.44	2.72	7.20	79.96
MW-5	88.76	85.76	3.00	9.00	79.76
MW-6	87.94	84.68	3.26		
MW-7	87.51	84.55	2.96		
********	*********	*********	*********	*********	**********
P-1	91.27	88.97	2.30	10.40	80.87
P-2	90.66	87.66	3.00	11.20	79.46
P-3	89.05	86.60	2.45		Damaged
P-4	88.34	85.34	3.00	10.70	77.64
P-5	89.25	86.42	2.83	11.30	77.95
P-6	85.94	83.44	2.50		Damaged
P-7	84.04	81.84	2.20		
P-8	84.74	82.67	2.08		
P-9	87.06	84.81	2.25	8.20	78.86
P-10	88.56	86.40	2.16	8.50	80.06
P-11	87.16	85.08	2.08	9.00	78.16
P-12	88.71	85.71	3.00		
P-13	87.60	84.60	3.00		
P-14	86.75	83.75	3.00		

WATER ELEVATION IN THE DEWATERING DITCH: _____

PART III ANALYTICAL RESULTS

<CTRL-SHIFT-8>

Facility GMS #: 4025C30001 Sampling Date/Time: 12/06/99 @ 1130

Test Site ID #: 4025A14569 SEMLF Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II

W296

Groundwater Elevation (MSL): 82.17 ft.

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

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 @ 1130	236. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12/06/99 @ 1130	4.84 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/99 @ 1130	5.0 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12/06/99 @ 1130	19.8 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12/06/99 @ 1130	24.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/99 @ 1130	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12/20/99 @ 0853	0.07 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12/28/99 @ 1524	32. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	01/09/00 @ 1404	8.82 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	12/14/99 @ 1805	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	01/03/00 @ 0832	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	01/27/00 @ 1320	14. mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/99 @ 0852	230. mg/L	10. mg/L
	Appendix I - Inorganic						
001097	Antimony	Bailer	No	EPA 204.2	12/16/99 @ 1536	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	01/07/00 @ 1753	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	01/12/00 @ 1647	< 0.02 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	< 0.005 mg/L	0.005 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	< 0.10 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12/31/99 @ 1740	0.007 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	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 Sampling Date/Time: 12/06/99 @ 1130

Test Site ID #: 4025A14569 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 82.17 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	< 0.04 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	< 4.1 ug/L	4.1 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	< 0.04 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	01/03/00	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	01/03/00	< 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	< 0.03 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	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.02 ug/L	0.02 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	< 0.10 ug/L	0.10 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	< 0.06 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 iodode	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 @ 1130

Test Site ID #: 4025A14569 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 82.17 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	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 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	< 0.11 ug/L	0.11 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 Sampling Date/Time: 12/06/99 @ 1045

Test Site ID #: 4025A14570 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II

W297

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

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 @ 1015	359. umhos/cm	1. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12/06/99 @ 1015	6.76 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/99 @ 1015	4.6 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12/06/99 @ 1015	15.6 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12/06/99 @ 1015	25.1 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/99 @ 1015	Color NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12/20/99 @ 1300	0.15 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12/28/99 @ 1524	7.0 mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	01/09/00 @ 1404	2.41 mg/L	0.02 mg/L
071900	Mercury	Bailer	No	EPA 245.1	12/14/99 @ 1805	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	01/03/00 @ 0832	0.03 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	01/17/00 @ 1320	8.9 mg/L	1.0 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/99 @ 0852	182. mg/L	10. 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	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	01/12/00 @ 1647	< 0.02 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	< 0.005 mg/L	0.005 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 @ 1738	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12/27/99 @ 1254	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.10 mg/L	0.10 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12/31/99 @ 1740	0.002 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	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/99 @ 1045

Test Site ID #: 4025A14570

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 78.76 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	< 0.04 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	< 4.1 ug/L	4.1 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	< 0.04 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	01/03/00	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	01/03/00	< 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	< 0.03 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	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.02 ug/L	0.02 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	< 0.10 ug/L	0.10 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	< 0.06 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 iodode	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 @ 1045

Test Site ID #: 4025A14570

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 78.76 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	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 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	< 0.11 ug/L	0.11 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 Sampling Date/Time: 12/06/99 @ 1220

Test Site ID #: 4025A14572 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II Well Type: [x] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

W 299

Groundwater Elevation (MSL): 79.96 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12/06/99 @ 1220	116. umhos/cm	1. umhos/cm
04060	pH (Field)	Bailer	No	EPA 150.1	12/06/99 @ 1220	6.20 S.U.	NA
00299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/99 @ 1220	4.8 mg/L	0.1 mg/L
82078	Turbidity (field)	Bailer	No	EPA 180.1	12/06/99 @ 1220	41.8 NTU	0.1 NTU
00010	Temperature (field)	Bailer	No	EPA 170.1	12/06/99 @ 1220	23.4 C	NA
85326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/99 @ 1220	Color NA	NA
00610	Total Ammonia - N	Bailer	No	EPA 350.1	12/20/99 @ 0853	0.14 mg/L	0.04 mg/L
00940	Chlorides	Bailer	No	EPA 325.3	12/28/99 @ 1524	8.5 mg/L	0.5 mg/L
01045	Iron	Bailer	No	EPA 236.1	01/09/00 @ 1404	9.11 mg/L	0.02 mg/L
71900	Mercury	Bailer	No	EPA 245.1	12/14/99 @ 1805	< 0.001 mg/L	0.001 mg/L
00620	Nitrate	Bailer	No	EPA 353.2	01/03/00 @ 0832	0.02 mg/L	0.02 mg/L
00929	Sodium	Bailer	No	EPA 273.1	01/27/00 @ 1320	4.6 mg/L	1.0 mg/L
70300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/99 @ 0852	144. mg/L	10. mg/L
	Appendix I - Inorganic						
01097	Antimony	Bailer	No	EPA 204.2	12/26/99 @ 1536	< 0.003 mg/L	0.003 mg/L
01002	Arsenic	Bailer	No	EPA 206.3	01/07/00 @ 1753	0.008 mg/L	0.005 mg/L
01007	Barium	Bailer	No	EPA 208.1	01/12/00 @ 1647	< 0.02 mg/L	0.02 mg/L
01012	Beryllium	Bailer	No	EPA 210.2	12/29/99 @ 1103	< 0.001 mg/L	0.001 mg/L
01027	Cadmium	Bailer	No	EPA 213.1	12/31/99 @ 1557	< 0.002 mg/L	0.002 mg/L
01034	Chromium	Bailer	No	EPA 218.2	12/24/99 @ 1514	0.006 mg/L	0.005 mg/L
01037	Cobalt	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.05 mg/L	0.05 mg/L
01042	Copper	Bailer	No	EPA 220.1	01/01/00 @ 1715	< 0.01 mg/L	0.01 mg/L
01051	Lead	Bailer	No	EPA 239.2	12/21/99 @ 1237	0.001 mg/L	0.001 mg/L
01067	Nickel	Bailer	No	EPA 249.1	01/01/99 @ 1230	< 0.01 mg/L	0.01 mg/L
01147	Selenium	Bailer	No	EPA 270.2	12/23/99 @ 1129	< 0.005 mg/L	0.005 mg/L
01077	Silver	Bailer	No	EPA 272.2	12/28/99 @ 1254	< 0.001 mg/L	0.001 mg/L
01059	Thallium	Bailer	No	EPA 279.2	12/27/99 @ 1738	< 0.002 mg/L	0.002 mg/L
01087	Vanadium	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.1 mg/L	0.1 mg/L
01092	Zinc	Bailer	No	EPA 289.1	12/31/99 @ 1740	< 0.002 mg/L	0.002 mg/L
	Appendix I - Organic						
31552	Acetone	Bailer	No	EPA 8260	12/20/99	< 2.5 ug/L	2.5 ug/L
34215	Acrylonitrile	Bailer	No	EPA 8260	12/20/99	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/06/99 @ 1220

Test Site ID #: 4025A14572

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 79.96 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
)34030	Benzene	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
)73085	Bromochloromethane	Bailer	No	EPA 8260	12/20/99	< 0.5 ug/L	0.5 ug/L
)32101	Bromodichloromethane	Bailer	No	EPA 8260	12/20/99	< 0.08 ug/L	0.08 ug/L
)32104	Bromoform	Bailer	No	EPA 8260	12/20/99	< 0.12 ug/L	0.12 ug/L
)46372	Carbon disulfide	Bailer	No	EPA 8260	12/20/99	< 4.1 ug/L	4.1 ug/L
)32102	Carbon tetrachloride	Bailer	No	EPA 8260	12/20/99	< 0.21 ug/L	0.21 ug/L
)34301	Chlorobenzene	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
)34311	Chloroethane	Bailer	No	EPA 8260	12/20/99	< 0.10 ug/L	0.10 ug/L
)32106	Chloroform	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
)32105	Dibromochloromethane	Bailer	No	EPA 8260	12/20/99	< 0.05 ug/L	0.05 ug/L
)37860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 504	01/03/00	< 0.01 ug/L	0.01 ug/L
)46369	1,2-Dibromoethane	Bailer	No	EPA 504	01/03/00	< 0.01 ug/L	0.01 ug/L
)34536	o-Dichlorobenzene	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
)34571	p-Dichlorobenzene	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
)77268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12/20/99	< 10. ug/L	10. ug/L
)4496	1,1-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
)4531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.02 ug/L	0.02 ug/L
)4501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.12 ug/L	0.12 ug/L
)7093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.10 ug/L	0.10 ug/L
)4546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12/20/99	< 0.06 ug/L	0.06 ug/L
)4541	1,2-Dichloropropane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
)4704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12/20/99	< 0.05 ug/L	0.05 ug/L
)4699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
)4371	Ethylbenzene	Bailer	No	EPA 8260	12/20/99	< 0.06 ug/L	0.06 ug/L
)7103	2-Hexanone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
)4413	Methyl bromide	Bailer	No	EPA 8260	12/20/99	< 0.11 ug/L	0.11 ug/L
)4418	Methyl chloride	Bailer	No	EPA 8260	12/20/99	< 0.13 ug/L	0.13 ug/L
)6361	Methylene bromide	Bailer	No	EPA 8260	12/20/99	< 0.3 ug/L	0.3 ug/L
)4423	Methylene chloride	Bailer	No	EPA 8260	12/20/99	< 0.03 ug/L	0.03 ug/L
)1595	Methyl ethyl ketone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
)7424	Methyl iodode	Bailer	No	EPA 8260	12/20/99	< 0.5 ug/L	0.5 ug/L
)8133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12/20/99	< 5.0 ug/L	5.0 ug/L
)7128	Styrene	Bailer	No	EPA 8260	12/20/99	< 1.0 ug/L	1.0 ug/L
)7562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12/20/99	< 0.1 ug/L	0.1 ug/L
)4516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 ug/L
)4475	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 @ 1220

Test Site ID #: 4025A14569

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 79.96 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	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 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	< 0.11 ug/L	0.11 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 Sampling Date/Time: 12/31/99 @ 1130

Test Site ID #: 4025A14573 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II

Groundwater Elevation (MSL): 79.76 ft.

W300

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

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
00094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12/06/99 @ 1130	72. umhos/cm	1. umhos/cm
04060	pH (Field)	Bailer	No	EPA 150.1	12/06/99 @ 1130	5.32 S.U.	NA
00299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12/06/99 @ 1130	3.6 mg/L	0.1 mg/L
82078	Turbidity (field)	Bailer	No	EPA 180.1	12/06/99 @ 1130	1.71 NTU	0.1 NTU
00010	Temperature (field)	Bailer	No	EPA 170.1	12/06/99 @ 1130	25.1 C	NA
85326	Colors & Sheens (by observation)	Bailer	No	EPA	12/06/99 @ 1130	Color NA	NA
00610	Total Ammonia - N	Bailer	No	EPA 350.1	12/20/99 @ 0853	0.08 mg/L	0.04 mg/L
00940	Chlorides	Bailer	No	EPA 325.3	12/28/99 @ 1524	5.6 mg/L	0.5 mg/L
01045	Iron	Bailer	No	EPA 236.1	01/09/00 @ 1404	3.56 mg/L	0.02 mg/L
71900	Mercury	Bailer	No	EPA 245.1	12/14/00 @ 1805	< 0.001 mg/L	0.001 mg/L
00620	Nitrate	Bailer	No	EPA 353.2	01/03/00 @ 0832	< 0.02 mg/L	0.02 mg/L
00929	Sodium	Bailer	No	EPA 273.1	01/27/00 @ 1320	4.4 mg/L	1.0 mg/L
70300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12/07/99 @ 0852	60. mg/L	10. mg/L
	Appendix I - Inorganic						
01097	Antimony	Bailer	No	EPA 204.2	12/26/99 @ 1536	< 0.003 mg/L	0.003 mg/L
01002	Arsenic	Bailer	No	EPA 206.3	01/07/00 @ 1753	< 0.005 mg/L	0.005 mg/L
01007	Barium	Bailer	No	EPA 208.1	01/12/00 @ 1647	< 0.02 mg/L	0.02 mg/L
01012	Beryllium	Bailer	No	EPA 210.2	12/09/00 @ 1103	< 0.001 mg/L	0.001 mg/L
01027	Cadmium	Bailer	No	EPA 213.1	12/31/99 @ 1557	< 0.002 mg/L	0.002 mg/L
01034	Chromium	Bailer	No	EPA 218.2	12/24/99 @ 1514	< 0.005 mg/L	0.005 mg/L
01037	Cobalt	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.05 mg/L	0.05 mg/L
01042	Copper	Bailer	No	EPA 220.1	01/01/00 @ 1715	< 0.01 mg/L	0.01 mg/L
01051	Lead	Bailer	No	EPA 239.2	12/21/99 @ 1237	< 0.001 mg/L	0.001 mg/L
01067	Nickel	Bailer	No	EPA 249.1	01/01/00 @ 1230	< 0.01 mg/L	0.01 mg/L
01147	Selenium	Bailer	No	EPA 270.2	12/23/99 @ 1129	< 0.005 mg/L	0.005 mg/L
01077	Silver	Bailer	No	EPA 272.2	12/28/99 @ 1254	< 0.001 mg/L	0.001 mg/L
01059	Thallium	Bailer	No	EPA 279.2	12/27/99 @ 1738	< 0.002 mg/L	0.002 mg/L
01087	Vanadium	Bailer	No	EPA 6010	12/14/99 @ 1147	< 0.1 mg/L	0.1 mg/L
01092	Zinc	Bailer	No	EPA 289.1	12/31/99 @ 1740	< 0.002 mg/L	0.002 mg/L
	Appendix I - Organic						
31552	Acetone	Bailer	No	EPA 8260	12/20/99	< 2.5 ug/L	2.5 ug/L
34215	Acrylonitrile	Bailer	No	EPA 8260	12/20/99	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 Sampling Date/Time: 12/06/99 @ 1130

Test Site ID #: 4025A14573 Report Period: 07/01/99 to 12/31/99

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

Classification of Groundwater G-II Well Type: [ ] Background
[ ] Intermediate
[x] Compliance
[ ] Other

Groundwater Elevation (MSL): 79.76 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	< 0.04 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	< 4.1 ug/L	4.1 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	< 0.04 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	01/03/00	< 0.01 ug/L	0.01 ug/L
046369	1,2-Dibromoethane	Bailer	No	EPA 504	01/03/00	< 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	< 0.03 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	< 0.03 ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.02 ug/L	0.02 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	< 0.10 ug/L	0.10 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	< 0.06 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 iodode	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 @ 1130

Test Site ID #: 4025A14573

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 79.76 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	< 0.11 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12/20/99	< 0.04 ug/L	0.04 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	< 0.11 ug/L	0.11 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001 SEMLC Sampling Date/Time: 12/06/99 @ 1240

Test Site ID #: 4025A 5351 Report Period: 07/01/99 to 12/31/99

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater W303 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	12/06/99 @ 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
[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
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 iodode	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
[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
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

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

FIELD ID#	SAMPLE ID	DATE	TIME	SAMP TYPE	WELL	GRAB	LABORATORY ID#	# OF CONT	LABORATORY ANALYSES: 500ML UNPRES	250 ML	1 LITER		1 LITER	4 VIALS
													H2S	DW PEST 504
											Sb/GF	Pb/GF		1 LITER CN
											As/H	Hg		
											Ba	Se/GF		
											Be/GF	Ni		
									ALK	NH4	Cd	Ag	250 ML	
									TDS	NH3	Cr/GF	Na	Co	4 LITERS GLASS
									CL	NO2	Cu	Tl	V	
									NO2	NO3	Fe	Zn	Sn	APP II
BMW GI-104	LEACHATE	12-6-99	1240	WW		X	115876	12	X	X	X	X	X	X

	YES	NO
NUTRIENT CONTAINERS PRESERVED, H2SO4	✓	
METALS CONTAINER PRESERVED, HNO3	✓	
VIALS PRESERVED, HCL	✓	
Cn/H2S PRESERVED, NaOH/Zn(AC)	✓	
ICED TO 4 DEGREES C	✓	

SAMPLE QTY:	RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
1		L Wash	12-6-99	1510

11796

HCSW2 10-11-99

CHAIN OF CUSTODY AND TRANSMITTAL FORM

SHORT ENVIRONMENTAL LABORATORIES

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

CHAIN OF CUSTODY
and
TRANSMITTAL FORM

SAMPLERS NAME (Please Print)

SAMPLERS SIGNATURE

PROJECT NAME: Hardee County

PROJECT LOCATION: LANDFILL

FIELD ID #	SAMPLE ID	DATE & TIME	SAMPLE TYPE	COMP	GRAB	WELL	LABORATORY ID	# OF CONTAINERS	LABORATORY ANALYSES: Methane
1206K	Maintenance	12-6-99 1405	GAS						0.0
1206L	Material Recovery	12-6-99 1410	GAS						0.0
1206M	Kennel	12-6-99 1415	GAS						0.0
1206N	Scalehouse/Office	12-6-99 1425	GAS						0.0

partly cloudy SW wind @ 10 mph

COMMENTS: _____

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:

SHORT ENVIRONMENTAL LABORATORIES, INC.
10405 US 27 South
Sebring, Florida 33870
1-800-833-4022 HRS# 85344 & E85458, FDEP QAP# 880516 (941) 655-4022

01-27-00

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

Laboratory Number: 1206k-n

Sample type: Air
Project: Hardee County
Location: Landfill
Sampled by: R. Greene on 12-06-99 pm
Received: Field data, no lab samples received.

REPORT OF ANALYSIS

FIELD ID #	Sample ID	Methane		Units	Method
12/06k	Maint. Bldg.	<	1.	mg/L	Trace-Techto
12/06l	Material recovery facility	<	1.	mg/L	Trace-Techto
12/06m	Kennel	<	1.	mg/L	Trace-Techto
12/06n	Scale house/Office	<	1.	mg/L	Trace-Techto

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

Laboratory Number: 115369

Project: HCSWD
Location: Landfill
Sample ID: Blank
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 0950
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	19.4	deg. C
pH	3.86	S.U.
Conductivity	< 1.	umho/cm

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	10.u	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	0.5u	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	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	0.005u	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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	0.005u	mg/L	EPA 218.2	D. Murto	12/24/1999 @ 1514	0.005
Copper	0.01u	mg/L	EPA 220.1	D. Murto	01/01/2000 @ 1715	0.01
Iron	0.02u	mg/L	EPA 236.1	D. Murto	01/09/2000 @ 1404	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. Prestridge

Laboratory Number: 115369

Project: HCSWD
Location: Landfill
Sample ID: Blank
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 0950
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Lead	0.001u	mg/L	EPA 239.2	D. Murto	12/21/1999 @ 1237	0.001
Mercury	0.001u	mg/L	EPA 245.1	D. Morton	12/14/1999 @ 1805	0.001
Nickel	0.01u	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	1.0u	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Zinc	0.002u	mg/L	EPA 289.1	D. Murto	12/31/1999 @ 1740	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
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

01/27/2000

Laboratory Number: 115370

Project: HCSWD
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	24.2	deg. C
pH	4.84	S.U.
Conductivity	236.	umho/cm
Dissolved Oxygen	5.0	mg/L
Turbidity	19.8	NTU
Color & Sheen	Color	
Color & Sheen	Color	
Depth to Water	5.80	ft
Water Level	7.05	ft.
Groundwater Elevation	82.17	ft
Volume Removed	13.53	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	230.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	32.	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.07	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.04	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.04	mg/L	EPA 353.2	D. Morton	01/03/2000 @ 0832	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. Prestridge

Laboratory Number: 115370

Project: HCSWD
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
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	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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	0.005u	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	8.82	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	0.01u	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	14.	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.10
Zinc	0.007	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 @ 1817	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. Prestridge

Laboratory Number: 115370

Project: HCSWD
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Ethylene Dibromide	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 1817	0.01
Acetone	2.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.5
Benzene	0.04u	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
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.21
Chlorobenzene	0.04u	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
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
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-Dibromoethane	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
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
1,1-Dichloroethane	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

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

Laboratory Number: 115370

Project: HCSWD
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.02
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
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
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Iodomethane	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
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

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

Laboratory Number: 115370

Project: HCSWD
Location: Landfill
Sample ID: MW-1
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
1,1,1-Tricloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
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	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11

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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

Laboratory Number: 115371

Project: HCSWD
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1045
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	25.1	deg. C
pH	6.76	S.U.
Conductivity	359.	umho/cm
Dissolved Oxygen	4.6	mg/L
Turbidity	15.6	NTU
Color & Sheen	Color	
Depth to Water	7.10	ft
Water Level	6.15	ft.
Groundwater Elevation	78.76	ft
Volume Removed	11.82	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	182.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	10.	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.10	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.06	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.06	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

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

Laboratory Number: 115371

Project: HCSWD
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1045
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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	0.005u	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	8.92	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	0.01u	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	8.9	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.10
Zinc	0.002	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 @ 1817	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 1817	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. Prestridge

Laboratory Number: 115371

Project: HCSWD
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1045
Received: 12/06/1999 @ 1510

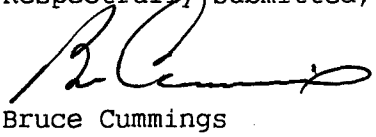
REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Acetone	2.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.5
Benzene	0.04u	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
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.21
Chlorobenzene	0.04u	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
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
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-Dibromoethane	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
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	12/20/1999 @ 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
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

Laboratory Number: 115371

Project: HCSWD
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1045
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
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
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
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Iodomethane	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
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

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

Laboratory Number: 115371

Project: HCSWD
Location: Landfill
Sample ID: MW-2
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1045
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Toluene	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
1,1,1-Tricloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
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	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.17
Xylenes	0.11u	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. Prestridge

Laboratory Number: 115372

Project: HCSWD
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	23.4	deg. C
pH	6.20	S.U.
Conductivity	116.	umho/cm
Dissolved Oxygen	4.8	mg/L
Turbidity	41.0	NTU
Color & Sheen	Color	
Depth to Water	7.20	ft
Water Level	14.80	ft.
Groundwater Elevation	79.96	ft
Volume Removed	7.24	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	144.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	7.3	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.04u	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	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

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

Laboratory Number: 115372

Project: HCSWD
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.008	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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	8.59	mg/L	EPA 236.1	D. Murto	01/09/2000 @ 1404	0.02
Lead	0.001	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	0.01u	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	4.6	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.10
Zinc	0.002u	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 @ 1817	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 1817	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. Prestridge

Laboratory Number: 115372

Project: HCSWD
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Acetone	2.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.5
Benzene	0.04u	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
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.21
Chlorobenzene	0.04u	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
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
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-Dibromoethane	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
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	12/20/1999 @ 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
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

Laboratory Number: 115372

Project: HCSWD
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
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
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
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Iodomethane	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
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

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

Laboratory Number: 115372

Project: HCSWD
Location: Landfill
Sample ID: MW-4
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Toluene	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
1,1,1-Tricloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
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	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.17
Xylenes	0.11u	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. Prestridge

01/27/2000

Laboratory Number: 115373

Project: HCSWD
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	25.1	deg. C
pH	5.32	S.U.
Conductivity	72.	umho/cm
Dissolved Oxygen	3.6	mg/L
Turbidity	1.71	NTU
Color & Sheen	Color	
Depth to Water	9.00	ft
Water Level	12.00	ft.
Groundwater Elevation	79.76	ft
Volume Removed	5.90	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	60.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	5.6	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.08	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	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

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

Laboratory Number: 115373

Project: HCSWD
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.005u	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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	0.005u	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	3.56	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	0.01u	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	4.4	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Vanadium	0.10u	mg/L	EPA 6010	E84098	12/14/1999 @ 1147	0.10
Zinc	0.002u	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 @ 1817	0.01
Ethylene Dibromide	0.01u	ug/L	EPA 504.1	84183	01/03/2000 @ 1817	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. Prestridge

Laboratory Number: 115373

Project: HCSWD
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Acetone	2.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	2.5
Acrylonitrile	1.5u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	1.5
Benzene	0.04u	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
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.21
Chlorobenzene	0.04u	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
Trichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
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-Dibromoethane	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
1,4-Dichlorobenzene	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
1,1-Dichloroethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
1,2-Dichloroethane	0.02u	ug/L	EPA 8260	E84098	12/20/1999 @ 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
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

Laboratory Number: 115373

Project: HCSWD
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
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
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
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.13
Dibromomethane	0.30u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.30
Dichloromethane	0.03u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	5.0
Iodomethane	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
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

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

Laboratory Number: 115373

Project: HCSWD
Location: Landfill
Sample ID: MW-5
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1130
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Toluene	0.11u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.11
1,1,1-Tricloroethane	0.04u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.04
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	10.0u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	12/20/1999 @ 0000	0.17
Xylenes	0.11u	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. Prestridge

01/27/2000

Laboratory Number: 115374

Project: HCSWD
Location: Landfill
Sample ID: MW-4 dup
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

FIELD DATA

Temperature	23.3	deg. C
pH	6.20	S.U.
Conductivity	116.	umho/cm
Dissolved Oxygen	4.8	mg/L
Turbidity	41.0	NTU
Color & Sheen	Color	
Depth to Water	7.20	ft
Water Level	14.80	ft.
Groundwater Elevation	79.96	ft
Volume Removed	7.24	Gal.

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Total Dissolved Solids	152.	mg/L	EPA 160.1	T. Heath	12/07/1999 @ 0852	10.
Chloride	7.6	mg/L	EPA 325.3	T. Heath	12/28/1999 @ 1524	0.5
Ammonia Nitrogen (NH3-N)	0.04	mg/L	EPA 350.1	D. Morton	12/20/1999 @ 0853	0.04
Nitrite Nitrogen (NO2-N)	0.01u	mg/L	EPA 354.1	D. Morton	12/08/1999 @ 0850	0.01
Nitrate Nitrogen (NO3-N)	0.02u	mg/L	Calc.	B. Cummings	01/27/2000 @ 1533	0.02
Nitrate + Nitrite N (NO2+NO3)	0.02u	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

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

Laboratory Number: 115374

Project: HCSWD
Location: Landfill
Sample ID: MW-4 dup
Sampled By: R. Greene/J. Finn on 12/06/1999 @ 1220
Received: 12/06/1999 @ 1510

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Arsenic	0.008	mg/L	EPA 206.3	D. Murto	01/07/2000 @ 1753	0.005
Barium	0.02u	mg/L	EPA 208.1	D. Murto	01/12/2000 @ 1647	0.02
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
Copper	0.01u	mg/L	EPA 220.1	D. Murto	01/01/2000 @ 1715	0.01
Iron	8.06	mg/L	EPA 236.1	D. Murto	01/09/2000 @ 1404	0.02
Lead	0.001	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	0.01u	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	4.7	mg/L	EPA 273.1	D. Murto	01/27/2000 @ 1320	1.0
Thallium	0.002u	mg/L	EPA 279.2	D. Murto	12/27/1999 @ 1738	0.002
Zinc	0.002u	mg/L	EPA 289.1	D. Murto	12/31/1999 @ 1740	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
Solid Waste Department
685 Airport Road
Wauchula, FL 33873-
Attn: J.R. Prestridge

01/27/2000

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

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

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Respectfully Submitted,

Bruce Cummings
Laboratory Director

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

Laboratory Number: 115375

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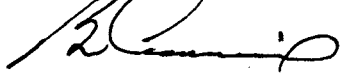
REPORT OF ANALYSIS

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

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Respectfully Submitted,



Bruce Cummings
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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

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

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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

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

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Laboratory Director

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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

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

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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

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

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Respectfully Submitted,

Bruce Cummings
Laboratory Director

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10405 US 27 South
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(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

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

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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

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
Acenapthene	1.9u	ug/L	EPA 8270	E84098	01/06/2000 @ 0000	1.9
Acenapthylene	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

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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

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

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REPORT OF ANALYSIS

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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

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REPORT OF ANALYSIS

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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.

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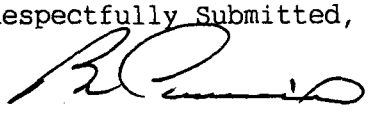
REPORT OF ANALYSIS

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.

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LABORATORY DATA

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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.

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