

Hardee County Solid Waste Departmen
685 Airport Road
Wauchula, Fl 33873
Phone-863-773-5089
Fax- 863-773-3907

.....

Hardee County Solid Waste



January 18, 2006

Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa, Fl 33619-8318
Attn: John Morris:

Dear Mr. Morris:

Submitted for your review is the Semi-annual surface water monitoring.
Should you have any questions please feel free to contact me.

Sincerely,

Teresa Carver

Teresa Carver
Solid Waste Executive Secretary

Cc: Chongman Lee

Please Recycle

.....

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South
Sebring, Florida 33876

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

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

01/13/2006
Page 1 of 5



Laboratory Number: 246749

Project: Hardee County
Location: Landfill
Sample ID: SW-1
Sampled By: E. McCarta on 10/25/2005 @ 1020
Received: 10/25/2005 @ 1310

REPORT OF ANALYSIS

FIELD DATA

Temperature 17.3 deg. C
pH 5.34 S.U.
Conductivity 294. umho/cm
Dissolved Oxygen 9.10 mg/L
Color & Sheen Color

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Biochemical Oxygen Demand	4.6	mg/L	EPA 405.1	D. Gillis	10/26/2005 @ 1430	2.
Chemical Oxygen Demand	123.	mg/L	HACH 8000	E. Siebel	11/22/2005 @ 1000	10.
Total Dissolved Solids	284.	mg/L	EPA 160.1	H. Turner	10/27/2005 @ 0839	10.
Total Suspended Solids	16.	mg/L	EPA 160.2	H. Turner	10/27/2005 @ 0839	1.
Turbidity	8.3	NTU	EPA 180.1	H. Turner	10/26/2005 @ 0817	0.1
Fecal Coliform (MF)	< 1	#/100ml	SM 9222 D	K. Lindsey	10/25/2005 @ 1545	1
Calcium Hardness, by calc.	70.6	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	1.0
Hardness - by calc.	113	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	1.0
Magnesium Hardness, by calc.	39.1	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	1.0
Ammonia Nitrogen (NH3-N)	0.18	mg/L	EPA 350.1	E. Siebel	10/28/2005 @ 1400	0.04
Un-Ionized Ammonia (N)	0.005u	mg/L	Calc.	K. Koehler	10/27/2005 @ 1432	0.005
Nitrite Nitrogen (NO2-N)	0.03	mg/L	EPA 353.2	J. Cosgrave	10/26/2005 @ 1640	0.01

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Kenneth R. Koehler
Kenneth R. Koehler
Project Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.

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



01/13/2006
 Page 2 of 5

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

Laboratory Number: 246749

Project: Hardee County
 Location: Landfill
 Sample ID: SW-1
 Sampled By: E. McCarta on 10/25/2005 @ 1020
 Received: 10/25/2005 @ 1310

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Nitrate Nitrogen (NO3-N)	1.38	mg/L	Calc.	E. Siebel	10/27/2005 @ 1432	0.02
Nitrate + Nitrite N (NO2+NO3)	1.41	mg/L	EPA 353.2	E. Siebel	10/27/2005 @ 1432	0.02
Total Nitrogen	3.95	mg/L	Calc.	K. Koehler	10/28/2005 @ 1400	0.3
Total Phosphorus (P)	1.17	mg/L	EPA 365.1	O. Martinez	10/27/2005 @ 0909	0.005
Total Kjeldahl Nitrogen (N)	2.54	mg/L	EPA 351.2	E. Siebel	10/27/2005 @ 1008	0.3
Total Organic Carbon	58.2	mg/L	EPA 415.1	E84098	11/21/2005 @ 0000	0.1
Arsenic	0.005	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.005
Barium	0.005	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.002
Beryllium	0.0005u	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.0005
Cadmium	0.001u	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.001
Cobalt	0.001u	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.001
Chromium	0.001	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.001
Copper	0.006	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.002
Iron	0.367	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.005
Nickel	0.003	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.002
Lead	0.003u	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.003
Antimony	0.003u	mg/L	EPA 200.7	D. Morton	12/22/2005 @ 1336	0.003
Selenium	0.006u	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.006
Vanadium	0.003	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.002

u = Parameter was analyzed for but not detected

Respectfully Submitted,

Kenneth R. Koehler
 Kenneth R. Koehler
 Project Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

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

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

01/13/2006
Page 3 of 5

Laboratory Number: 246749

Project: Hardee County
Location: Landfill
Sample ID: SW-1
Sampled By: E. McCarta on 10/25/2005 @ 1020
Received: 10/25/2005 @ 1310


REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Zinc	0.050	mg/L	EPA 200.7	D. Morton	11/08/2005 @ 1700	0.004
Mercury	0.0002u	mg/L	EPA 245.1	D. Murto	11/05/2005 @ 1108	0.0002
Thallium	0.001u	mg/L	EPA 279.2	D. Morton	11/08/2005 @ 0950	0.001
Chlorophyll A	4.0	mg/m3	SM 10200 H	E84129	11/01/2005 @ 1528	1.0
Acetone	2.5u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	2.5
Acrylonitrile	1.50u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	1.50
Benzene	0.29	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
Bromochloromethane	0.5u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.5
Bromodichloromethane	0.08u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.08
Tribromomethane	0.12u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.12
Carbon Disulfide	4.1u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	4.1
Carbon Tetrachloride	0.21u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.21
Chlorobenzene	0.30	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
Chloroethane	0.10u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.10
Trichloromethane	2.37	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.03
Dibromochloromethane	0.05u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.05
1,2-Dibromo-3-Chloropropane	0.5u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.5
1,2-Dibromoethane	0.5u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.5
1,2-Dichlorobenzene	1.09	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.03

u = Parameter was analyzed for but not detected

Respectfully Submitted,


Kenneth R. Koehler
Project Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022

FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

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

01/13/2006
Page 4 of 5

Laboratory Number: 246749

Project: Hardee County
Location: Landfill
Sample ID: SW-1
Sampled By: E. McCarta on 10/25/2005 @ 1020
Received: 10/25/2005 @ 1310

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
1,4-Dichlorobenzene	1.18	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.03
t-1,4-Dichloro-2-Butene	10.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	10.0
1,1-Dichloroethane	0.73	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.03
1,2-Dichloroethane	3.00	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.02
1,1-Dichloroethene	0.12u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.12
cis-1,2-Dichloroethene	0.10u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.10
trans-1,2-Dichloroethene	0.06u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.06
1,2-Dichloropropane	0.04u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
cis-1,3-Dichloropropene	0.05u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.05
trans-1,3-Dichloropropene	0.04u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
Ethylbenzene	0.06u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.06
2-Hexanone	5.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	5.0
Bromomethane	0.11u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.11
Chloromethane	0.13u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.13
Dibromomethane	0.3u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.3
Dichloromethane	6.55	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.03
2-Butanone	5.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	5.0
Iodomethane	0.5u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.5
4-Methyl-2-Pentanone	5.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	5.0

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Kenneth R. Koehler
Project Manager

SHORT ENVIRONMENTAL LABORATORIES, INC.

10405 US 27 South

Sebring, Florida 33876

(800) 833-4022

FDOH# E85458, FDEP QAP# 880516

(863) 655-4022

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

01/13/2006
Page 5 of 5

Laboratory Number: 246749

Project: Hardee County
Location: Landfill
Sample ID: SW-1
Sampled By: E. McCarta on 10/25/2005 @ 1020
Received: 10/25/2005 @ 1310

REPORT OF ANALYSIS

LABORATORY DATA

Parameter	Result	Units	Method	Analyst	Date/Time of Analysis	MDL
Styrene	1.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	1.0
1,1,1,2-Tetrachloroethane	0.1u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.1
1,1,2,2-Tetrachloroethane	1.03	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
Tetrachloroethene	0.14u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.14
Toluene	0.11u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.11
1,1,1-Trichloroethane	0.04u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.04
1,1,2-Trichloroethane	0.10u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.10
Trichloroethene	0.19u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.19
Trichlorofluoromethane	5.17	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.08
1,2,3-Trichloropropane	0.3u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.3
Vinyl Acetate	10.0u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	10.0
Vinyl Chloride	0.17u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.17
Xylenes	0.11u	ug/L	EPA 8260	E84098	11/11/2005 @ 0000	0.11
Silver	0.07u	ug/L	EPA 272.2	D. Morton	11/09/2005 @ 1520	0.07

u = Parameter was analyzed for but not detected

Respectfully Submitted,



Kenneth R. Koehler
Project Manager

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 10/25/05 @ 1020

Test Site ID #: Surface water

Report Period: 07/01/05 to 12/31/05

Well Name: SW-1

Well Purged (Y/N):

Well Type:

Classification of Groundwater:

Background
Intermediate
Compliance
Other

Groundwater Elevation (MSL):

ft.

x

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units
000094	Temperature (field)	Scoop	No	EPA 170.1	10/25/05 @ 1020	17.3	C	NA
004060	pH (field)	Scoop	No	EPA 150.1	10/25/05 @ 1020	5.34	S.U.	NA
000299	Specific Conductivity (field)	Scoop	No	EPA 120.1	10/25/05 @ 1020	294.	umhos/cm	1. umhos/cm
082078	Dissolved Oxygen (field)	Scoop	No	EPA 360.1	10/25/05 @ 1020	9.10	mg/L	0.1 mg/L
000010	Turbidity (lab)	Scoop	No	EPA 180.1	10/26/05 @ 0817	8.3	NTU	0.1 NTU
085326	Colors & Sheens (by observation)	Scoop	No	EPA	10/25/05 @ 1020	Color	NA	NA
000310	Biochemical Oxygen Demand	Scoop	No	EPA 405.1	10/26/05 @ 1430	4.6	mg/L	1 mg/L
000340	Chemical Oxygen Demand	Scoop	No	HACH 8000	11/22/05 @ 1000	123.	mg/L	10. mg/L
070300	Total Dissolved Solids (TDS)	Scoop	No	EPA 160.1	10/27/05 @ 0839	284.	mg/L	10. mg/L
000530	Total Suspended Solids	Scoop	No	EPA 160.2	10/27/05 @ 0839	16.	mg/L	1. mg/L
031616	Fecal Coliform	Scoop	No	SM 9222 D	10/25/05 @ 1545	< 1	#/100 ml	1 #/100ml
000310	Total Hardness	Scoop	No	EPA 200.7	11/08/05 @ 1700	113.	mg/L	1.0 mg/L
000610	Total Ammonia -N	Scoop	No	EPA 350.1	10/28/05 @ 1400	0.18	mg/L	0.04 mg/L
000619	Unionized Ammonia-N	Scoop	No	DEP SOP	10/27/05 @ 1432	< 0.005	mg/L	0.005 mg/L
001045	Iron	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.367	mg/L	0.005 mg/L
000310	Mercury	Scoop	No	EPA 245.1	11/05/05 @ 1108	< 0.0002	mg/L	0.001 mg/L
000620	Nitrate	Scoop	No	EPA 353.2	10/27/05 @ 1432	1.38	mg/L	0.02 mg/L
000600	Total Nitrogen-N	Scoop	No	Calc	10/28/05 @ 1400	3.95	mg/L	0.50 mg/L
000665	Total Phosphorus	Scoop	No	EPA 365.1	10/27/05 @ 0909	1.17	mg/L	0.005 mg/L
000625	Total Kjeldahl Nitrogen	Scoop	No	EPA 351.2	10/27/05 @ 1008	2.54	mg/l	0.50 mg/L
000300	Total Organic Carbon	Scoop	No	EPA 415.1	11/21/05	58.2	mg/L	0.1 mg/L
001097	Antimony	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.003	mg/L	0.003 mg/L
001002	Arsenic	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.005	mg/L	0.005 mg/L
001007	Barium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.005	mg/L	0.002 mg/L
001012	Beryllium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.0005	mg/L	0.0005 mg/L
001027	Cadmium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.001	mg/L	0.001 mg/L
001034	Chromium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.001	mg/L	0.001 mg/L
001037	Cobalt	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.001	mg/L	0.001 mg/L
001042	Copper	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.006	mg/L	0.002 mg/L
001051	Lead	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.003	mg/L	0.003 mg/L
001067	Nickel	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.003	mg/L	0.002 mg/L
001147	Selenium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.006	mg/L	0.006 mg/L
001077	Silver	Scoop	No	EPA 272.2	11/09/05 @ 1520	< 0.07	ug/L	0.07 ug/L
001059	Thallium	Scoop	No	EPA 279.2	11/08/05 @ 0950	< 0.001	mg/L	0.001 mg/L
001087	Vanadium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.003	mg/L	0.002 mg/L
001092	Zinc	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.050	mg/L	0.004 mg/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 10/25/05 @ 1020

Test Site ID #: Surface water

Report Period: 07/01/05 to 12/31/05

Well Name: SW-1

Well Purged (Y/N):

Well Type:

Classification of Groundwater:

Background
Intermediate
Compliance
Other

Groundwater Elevation (MSL):

ft.

x

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units
000094	Temperature (field)	Scoop	No	EPA 170.1	10/25/05 @ 1020	17.3	C	NA
004060	pH (field)	Scoop	No	EPA 150.1	10/25/05 @ 1020	5.34	S.U.	NA
000299	Specific Conductivity (field)	Scoop	No	EPA 120.1	10/25/05 @ 1020	294.	umhos/cm	1. umhos/cm
082078	Dissolved Oxygen (field)	Scoop	No	EPA 360.1	10/25/05 @ 1020	9.10	mg/L	0.1 mg/L
000010	Turbidity (lab)	Scoop	No	EPA 180.1	10/26/05 @ 0817	8.3	NTU	0.1 NTU
085326	Colors & Sheens (by observation)	Scoop	No	EPA	10/25/05 @ 1020	Color	NA	NA
000310	Biochemical Oxygen Demand	Scoop	No	EPA 405.1	10/26/05 @ 1430	4.6	mg/L	1 mg/L
000340	Chemical Oxygen Demand	Scoop	No	HACH 8000	11/22/05 @ 1000	123.	mg/L	10. mg/L
070300	Total Dissolved Solids (TDS)	Scoop	No	EPA 160.1	10/27/05 @ 0839	284.	mg/L	10. mg/L
000530	Total Suspended Solids	Scoop	No	EPA 160.2	10/27/05 @ 0839	16.	mg/L	1. mg/L
031616	Fecal Coliform	Scoop	No	SM 9222 D	10/25/05 @ 1545	< 1	#/100 ml	1 #/100ml
000310	Total Hardness	Scoop	No	EPA 200.7	11/08/05 @ 1700	113.	mg/L	1.0 mg/L
000610	Total Ammonia -N	Scoop	No	EPA 350.1	10/28/05 @ 1400	0.18	mg/L	0.04 mg/L
000619	Unionized Ammonia-N	Scoop	No	DEP SOP	10/27/05 @ 1432	< 0.005	mg/L	0.005 mg/L
001045	Iron	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.367	mg/L	0.005 mg/L
000310	Mercury	Scoop	No	EPA 245.1	11/05/05 @ 1108	< 0.0002	mg/L	0.001 mg/L
000620	Nitrate	Scoop	No	EPA 353.2	10/27/05 @ 1432	1.38	mg/L	0.02 mg/L
000600	Total Nitrogen-N	Scoop	No	Calc	10/28/05 @ 1400	3.95	mg/L	0.50 mg/L
000665	Total Phosphorus	Scoop	No	EPA 365.1	10/27/05 @ 0909	1.17	mg/L	0.005 mg/L
000625	Total Kjeldahl Nitrogen	Scoop	No	EPA 351.2	10/27/05 @ 1008	2.54	mg/l	0.50 mg/L
000300	Total Organic Carbon	Scoop	No	EPA 415.1	11/21/05	58.2	mg/L	0.1 mg/L
001097	Antimony	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.003	mg/L	0.003 mg/L
001002	Arsenic	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.005	mg/L	0.005 mg/L
001007	Barium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.005	mg/L	0.002 mg/L
001012	Beryllium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.0005	mg/L	0.0005 mg/L
001027	Cadmium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.001	mg/L	0.001 mg/L
001034	Chromium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.001	mg/L	0.001 mg/L
001037	Cobalt	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.001	mg/L	0.001 mg/L
001042	Copper	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.006	mg/L	0.002 mg/L
001051	Lead	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.003	mg/L	0.003 mg/L
001067	Nickel	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.003	mg/L	0.002 mg/L
001147	Selenium	Scoop	No	EPA 200.7	11/08/05 @ 1700	< 0.006	mg/L	0.006 mg/L
001077	Silver	Scoop	No	EPA 272.2	11/09/05 @ 1520	< 0.07	ug/L	0.07 ug/L
001059	Thallium	Scoop	No	EPA 279.2	11/08/05 @ 0950	< 0.001	mg/L	0.001 mg/L
001087	Vanadium	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.003	mg/L	0.002 mg/L
001092	Zinc	Scoop	No	EPA 200.7	11/08/05 @ 1700	0.050	mg/L	0.004 mg/L

PART I | ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 10/25/05 @ 1020

Test Site ID #: Surface water

Report Period: 07/01/05 to 12/31/05

Well Name: SW-1

Well Purged (Y/N):

Well Type:

Background

Classification of Groundwater:

Intermediate

Groundwater Elevation (MSL):

ft.

x

Other

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units
081552	Acetone	Scoop	No	EPA 8260	11/11/05	< 2.5	ug/L	2.5 ug/L
034215	Acrylonitrile	Scoop	No	EPA 8260	11/11/05	< 1.50	ug/L	1.50 ug/L
034030	Benzene	Scoop	No	EPA 8260	11/11/05	0.29	ug/L	0.04 ug/L
073085	Bromochloromethane	Scoop	No	EPA 8260	11/11/05	< 0.5	ug/L	0.5 ug/L
032101	Bromodichloromethane	Scoop	No	EPA 8260	11/11/05	< 0.08	ug/L	0.08 ug/L
032104	Bromoform	Scoop	No	EPA 8260	11/11/05	< 0.12	ug/L	0.12 ug/L
046372	Carbon disulfide	Scoop	No	EPA 8260	11/11/05	< 4.1	ug/L	4.1 ug/L
032102	Carbon tetrachloride	Scoop	No	EPA 8260	11/11/05	< 0.21	ug/L	0.21 ug/L
034301	Chlorobenzene	Scoop	No	EPA 8260	11/11/05	0.30	ug/L	0.04 ug/L
034311	Chloroethane	Scoop	No	EPA 8260	11/11/05	< 0.10	ug/L	0.10 ug/L
032106	Chloroform	Scoop	No	EPA 8260	11/11/05	2.37	ug/L	0.03 ug/L
032105	Dibromochloromethane	Scoop	No	EPA 8260	11/11/05	< 0.05	ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Scoop	No	EPA 8260	11/11/05	< 0.5	ug/L	0.5 ug/L
046369	1,2-Dibromoethane	Scoop	No	EPA 8260	11/11/05	< 0.5	ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Scoop	No	EPA 8260	11/11/05	1.09	ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Scoop	No	EPA 8260	11/11/05	1.18	ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Scoop	No	EPA 8260	11/11/05	< 10.0	ug/L	10.0 ug/L
034496	1,1-Dichloroethane	Scoop	No	EPA 8260	11/11/05	0.73	ug/L	0.03 ug/L
034531	1,2-Dichloroethane	Scoop	No	EPA 8260	11/11/05	3	ug/L	0.02 ug/L
034501	1,1-dichloroethylene	Scoop	No	EPA 8260	11/11/05	< 0.12	ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Scoop	No	EPA 8260	11/11/05	< 0.10	ug/L	0.10 ug/L
034546	trans-1,2-Dichloroethylene	Scoop	No	EPA 8260	11/11/05	< 0.06	ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Scoop	No	EPA 8260	11/11/05	< 0.04	ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropane	Scoop	No	EPA 8260	11/11/05	< 0.05	ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropane	Scoop	No	EPA 8260	11/11/05	< 0.04	ug/L	0.04 ug/L
034371	Ethylbenzene	Scoop	No	EPA 8260	11/11/05	< 0.06	ug/L	0.06 ug/L
077103	2-Hexanone	Scoop	No	EPA 8260	11/11/05	< 5.0	ug/L	5.0 ug/L
034413	Methyl bromide	Scoop	No	EPA 8260	11/11/05	< 0.11	ug/L	0.11 ug/L
034418	Methyl chloride	Scoop	No	EPA 8260	11/11/05	< 0.13	ug/L	0.13 ug/L
046361	Methylene bromide	Scoop	No	EPA 8260	11/11/05	< 0.3	ug/L	0.3 ug/L
034423	Methylene chloride	Scoop	No	EPA 8260	11/11/05	6.55	ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Scoop	No	EPA 8260	11/11/05	< 5.0	ug/L	5.0 ug/L
077424	Methyl iodide	Scoop	No	EPA 8260	11/11/05	< 0.5	ug/L	0.5 ug/L
078133	2-Methyl-2-pentanone	Scoop	No	EPA 8260	11/11/05	< 5.0	ug/L	5.0 ug/L
077128	Styrene	Scoop	No	EPA 8260	11/11/05	< 1.0	ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Scoop	No	EPA 8260	11/11/05	< 0.1	ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Scoop	No	EPA 8260	11/11/05	1.03	ug/L	0.04 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 10/25/05 @ 1020

Test Site ID #: Surface water

Report Period: 07/01/05 to 12/31/05

Well Name: SW-1

Well Purged (Y/N):

Well Type:

Classification of Groundwater:

Background
Intermediate
Compliance
Other

Groundwater Elevation (MSL):

ft.

x

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units
034475	Tetrachloroethylene	Scoop	No	EPA 8260	11/11/05	< 0.14	ug/L	0.14 ug/L
034010	Toluene	Scoop	No	EPA 8260	11/11/05	< 0.11	ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Scoop	No	EPA 8260	11/11/05	< 0.04	ug/L	0.04 ug/L
034511	1,1,2-Trichloroethane	Scoop	No	EPA 8260	11/11/05	< 0.10	ug/L	0.10 ug/L
039180	Trichloroethylene	Scoop	No	EPA 8260	11/11/05	< 0.19	ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Scoop	No	EPA 8260	11/11/05	5.17	ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Scoop	No	EPA 8260	11/11/05	< 0.3	ug/L	0.3 ug/L
077057	Vinyl acetate	Scoop	No	EPA 8260	11/11/05	< 10.0	ug/L	10.0 ug/L
039175	Vinyl chloride	Scoop	No	EPA 8260	11/11/05	< 0.17	ug/L	0.17 ug/L
034020	Xylenes	Scoop	No	EPA 8260	11/11/05	< 0.11	ug/L	0.11 ug/L

SHORT ENVIRONMENTAL LABORATORIES

10405 US 27 S
SEBRING, FL 33876
(863) 655-4022 (800) 833-4022
FAX: (863) 655-5820



LABORATORY ANALYSES

1/2 GAL	250 N	1 L M		125 ML	250 N	3 VIALS
		Sb/ICP	Pb/ICP		TOC	
	NH3	As/ICP	Hg			
	TN	Ba/ICP	Se/ICP			
	NO3	Be/ICP	Ni/ICP			
	NOx	Cd/ICP				
	BOD	Co/ICP	Ag/GFppb			
	TDS	TPA	Ti/GF			
	TSS	TKN	V/ICP			
	NO2	NH3U	Cu/ICP		1 L	APP I
	HARD	COD	Zn/icp	FC	CHLOR-A	VOC

SAMPLER'S NAME: (PLEASE PRINT) E. McCanta CLIENT NAME: HARDEE COUNTY #77

SAMPLER'S SIGNATURE: E. McCanta PROJECT: HARDEE COUNTY LOCATION: LANDFILL

FIELD ID#	SAMPLE ID	DATE	TIME	SAMP TYPE	WELL	GRAB	LABORATORY ID#	# OF CONT
1025A1-9	SW-1	10/25/05	1020	SW		X	246749	9
								10

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

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

SAMPLE QTY:	RELINQUISHED BY:	ACCEPTED BY:	DATE:	TIME:
1	<u>E. McCanta</u>	<u>Ken Kellie</u>	10/25/05	1310

52570

	TIME
DEPARTED	0931
ARRIVED	1057
DEPARTED	1030
ARRIVED	

CHAIN OF CUSTODY AND TRANSMITTAL FORM