

HARDEE COUNTY

Department of Solid Waste & Recycling Center

P.O. Box 246 685 Airport Rd.
Wauchula, Florida 33873

REGIONAL LF

4025C3000/

40612
5025-214306

January 27, 1997

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

RECEIVED

JAN 31 1997

Solid Waste Section

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

Dear Ms. Amram:

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

Sincerely,

Janice Williamson

Janice Williamson,
Executive Secretary
Recycling Coordinator

cc: Chongman Lee - DEP, Tallahassee
Ed Hilton - P.B.S. & J.
Andy Maddox - COW, Waste Water Treatment Plant (Leachate Only)

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

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

01-23-97

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

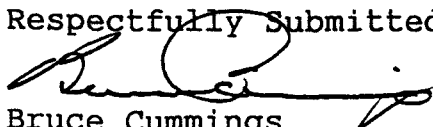
Laboratory Number: 12/09k-12/09n

Sample type: Air
Project: Hardee County
Location: Landfill
Sampled by: R. Greene on 12-09-96, am
Received: Field measurement, no sample received

REPORT OF ANALYSIS

FIELD ID #	Sample ID	Methane	Units	Method
12/09k	Shop	< 1.	mg/L	Trace-Techto
12/09/l	Tool room	< 1.	mg/L	Trace-Techto
12/09m	Scale House	< 1.	mg/L	Trace-Techto
12/09n	Main Office	< 1.	mg/L	Trace-Techto

Respectfully Submitted,


Bruce Cummings
Laboratory Director

HARDEE COUNTY SANITARY LANDFILL

GROUNDWATER ELEVATIONS

DATE: 12-09-96

RECORDED BY: Rick Greene

LOCATION	ELEVATION TOP OF CASING	ELEVATION AT LAND SURFACE	HEIGHT OF CASING ABOVE L.S.	WATER DEPTH FROM TOP OF CASING	GROUNDWATER ELEVATION
MW-1	87.97	86.24	1.73	4.90	83.07
MW-2	85.86	83.68	2.18	5.80	80.06
MW-3	87.75	86.07	1.68	8.90	78.85
MW-4	87.16	84.44	2.72	6.90	80.26
MW-5	88.76	85.76	3.00	9.90	78.86
MW-6	87.94	84.68	3.26	9.40	78.54
MW-7	87.51	84.55	2.96	9.20	78.31
*****	*****	*****	*****	*****	*****
P-1	91.27	88.97	2.30	10.70	80.57
P-2	90.66	87.66	3.00	11.60	79.06
P-3	89.05	86.60	2.45	9.60	79.45
P-4	88.34	85.34	3.00	8.60	79.74
P-5	89.25	86.42	2.83	9.60	79.65
P-6	85.94	83.44	2.50	7.90	78.04
P-7	84.04	81.84	2.20	6.20	77.84
P-8	84.74	82.67	2.08	6.60	78.14
P-9	87.06	84.81	2.25	8.75	78.31
P-10	88.56	86.40	2.16	10.80	78.36
P-11	87.16	85.08	2.08	7.80	79.36
P-12	88.71	85.71	3.00	9.60	79.11
P-13	87.60	84.60	3.00	8.75	78.85
P-14	86.75	83.75	3.00	8.30	78.45

WATER ELEVATION IN THE DEWATERING DITCH: _____

RECEIVED JAN 27 1997

Florida Department of Environmental Protection

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

DEP Form # 62-522.600(11)
Form Title <u>GROUND WATER MONITORING REPORT</u>
Effective Date _____
DEP Application No. _____

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

GENERAL INFORMATION

Facility Name Hardee County Solid Waste Disposal Facility
 Address P.O. Box 246
 City Wauchula, FL Zip 33875
 Telephone Number (941) 773-5089
 The SMS Identification Number 4025C30001
 DEP Permit Number S025-214306
 Authorized Representative Name Bruce Cummings
 Address 10405 US 27 South
 City Sebring, FL Zip 33870
 Telephone Number (941) 655-4022
 Type of Discharge _____
 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 attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

January 22, 1997

for Hardee County BOCC

Signature of Owner or Authorized Representative

QUALITY ASSURANCE REQUIREMENTS

Sample Organization Comp QAP # 880516
 Analytical Lab Comp QAP #/HRS Certification # 880516, E85458
 *Comp QAP #/HRS Certification # E84098
 Name Short Environmental Laboratories, Inc.
 Address 10405 US 27 South, Sebring, FL 33870
 Telephone Number (941) 655-4022

PART III ANALYTICAL RESULTS

(5222C055, 20N)

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1135

Test Site ID #: 4025A14569

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

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

Classification of Groundwater G-II

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): 83.07 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1135	224. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1135	4.84 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1135	5.4 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1135	15. NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1135	22.2 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1135	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.24 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	34. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	10.8 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.10 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	13.5 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	288. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	0.008 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	0.002 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	0.004 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 0945

Test Site ID #: 4025A14570

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 80.06 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 0945	395. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 0945	6.54 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 0945	3.1 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 0945	21. NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 0945	22.0 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 0945	YES NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.11 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	20. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	4.57 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.03 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	10.1 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	216. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	0.002 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1310

Test Site ID #: 4025A14571

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

Well Name: MW-3 Well Purged (Y/N) Yes

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 78.85 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1310	95. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1310	5.16 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1310	4.4 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1310	1.0 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1310	23.9 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1310	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.06 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	4.8 mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	0.79 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	< 0.02 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	3.1 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	74. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1035

Test Site ID #: 4025A14572

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

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

Classification of Groundwater G-II

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): 80.26 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1035	290. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1035	5.96 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1035	2.8 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1035	7.9 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1035	22.4 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1035	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.39 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	26. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	43.4 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.07 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	7.4 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	232. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	0.026 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1220

Test Site ID #: 4025A14573

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

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

Classification of Groundwater G-II

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

Groundwater Elevation (MSL): 78.86 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1220	81. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1220	5.19 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1220	4.0 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1220	3.6 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1220	23.0 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1220	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.16 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	6.2 mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	4.40 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.04 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	5.0 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	64. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	0.002 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1525

Test Site ID #: 4025A14574

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

Well Name: MW-6 Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): 78.54 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1525	130. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1525	4.85 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1525	3.2 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1525	0.79 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1525	22.3 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1525	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.05 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	29. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	4.45 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.05 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	17. mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	88. mg/L	1. mg/L
Appendix I - Inorganic							
001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	< 0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
Appendix I - Organic							
081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

Sampling Date/Time: 12/09/96 @ 1435

Test Site ID #: 4025A14575

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

Well Name: MW-7

Well Purged (Y/N) Yes

Classification of Groundwater G-II

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): 78.31 ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
000094	Specific Conductivity (field)	Bailer	No	EPA 120.1	12-09-96 @ 1435	160. umhos/cm	5. umhos/cm
004060	pH (Field)	Bailer	No	EPA 150.1	12-09-96 @ 1435	4.71 S.U.	NA
000299	Dissolved Oxygen (field)	Bailer	No	EPA 360.1	12-09-96 @ 1435	3.2 mg/L	0.1 mg/L
082078	Turbidity (field)	Bailer	No	EPA 180.1	12-09-96 @ 1435	0.70 NTU	0.1 NTU
000010	Temperature (field)	Bailer	No	EPA 170.1	12-09-96 @ 1435	22.6 C	NA
085326	Colors & Sheens (by observation)	Bailer	No	EPA	12-09-96 @ 1435	NO NA	NA
000610	Total Ammonia - N	Bailer	No	EPA 350.1	12-19-96 @ 1300	0.28 mg/L	0.04 mg/L
000940	Chlorides	Bailer	No	EPA 325.3	12-10-96 @ 1330	35. mg/L	0.5 mg/L
001045	Iron	Bailer	No	EPA 236.1	12-10-96 @ 1000	3.26 mg/L	0.01 mg/L
071900	Mercury	Bailer	No	EPA 245.2	12-10-96 @ 1000	< 0.001 mg/L	0.001 mg/L
000620	Nitrate	Bailer	No	EPA 353.2	12-24-96 @ 0830	0.02 mg/L	0.02 mg/L
000929	Sodium	Bailer	No	EPA 273.1	12-12-96 @ 1550	18.4 mg/L	0.1 mg/L
070300	Total dissolved solids (TDS)	Bailer	No	EPA 160.1	12-10-96 @ 1300	110. mg/L	1. mg/L

Appendix I - Inorganic

001097	Antimony	Bailer	No	EPA 204.2	12-10-96 @ 1710	< 0.003 mg/L	0.003 mg/L
001002	Arsenic	Bailer	No	EPA 206.3	12-10-96 @ 1000	< 0.005 mg/L	0.005 mg/L
001007	Barium	Bailer	No	EPA 208.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001012	Beryllium	Bailer	No	EPA 210.2	12-11-96 @ 1215	< 0.001 mg/L	0.001 mg/L
001027	Cadmium	Bailer	No	EPA 213.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L
001034	Chromium	Bailer	No	EPA 218.1	12-10-96 @ 1000	< 0.02 mg/L	0.02 mg/L
001037	Cobalt	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.05 mg/L	0.05 mg/L
001042	Copper	Bailer	No	EPA 220.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001051	Lead	Bailer	No	EPA 239.2	12-20-96 @ 1000	0.001 mg/L	0.001 mg/L
001067	Nickel	Bailer	No	EPA 249.1	12-10-96 @ 1000	< 0.01 mg/L	0.01 mg/L
001147	Selenium	Bailer	No	EPA 270.2	12-11-96 @ 1530	< 0.005 mg/L	0.005 mg/L
001077	Silver	Bailer	No	EPA 272.2	12-12-96 @ 1210	< 0.001 mg/L	0.001 mg/L
001059	Thallium	Bailer	No	EPA 279.2	12-10-96 @ 1300	< 0.002 mg/L	0.002 mg/L
001087	Vanadium	Bailer	No	EPA 6010	12-17-96 @ 1042	< 0.1 mg/L	0.1 mg/L
001092	Zinc	Bailer	No	EPA 289.1	12-10-96 @ 1000	< 0.002 mg/L	0.002 mg/L

Appendix I - Organic

081552	Acetone	Bailer	No	EPA 8260	12-18-96	< 2.5 ug/L	2.5 ug/L
034215	Acrylonitrile	Bailer	No	EPA 8260	12-18-96	< 1.5 ug/L	1.5 ug/L

PART III ANALYTICAL RESULTS

(5220550L)

Facility GMS #: 4025C30001

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

Test Site ID #: 4025A

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

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

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

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

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

Test Site ID #: 4025A

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

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034030	Benzene	Bailer	No	EPA 8260	12-18-96	1.51 ug/L	0.04 ug/L
073085	Bromochloromethane	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
032101	Bromodichloromethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
032104	Bromoform	Bailer	No	EPA 8260	12-18-96	< 0.12 ug/L	0.12 ug/L
046372	Carbon disulfide	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
032102	Carbon tetrachloride	Bailer	No	EPA 8260	12-18-96	< 0.21 ug/L	0.21 ug/L
034301	Chlorobenzene	Bailer	No	EPA 8260	12-18-96	2.11 ug/L	0.04 ug/L
034311	Chloroethane	Bailer	No	EPA 8260	12-18-96	< 0.10 ug/L	0.10 ug/L
032106	Chloroform	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
032105	Dibromochloromethane	Bailer	No	EPA 8260	12-18-96	< 0.05 ug/L	0.05 ug/L
037860	1,2-Dibromo-3-chloropropane (DBCP)	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
046369	1,2-Dibromomethane	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
034536	o-Dichlorobenzene	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
034571	p-Dichlorobenzene	Bailer	No	EPA 8260	12-18-96	0.96 ug/L	0.03 ug/L
077268	trans-1,4-Dichloro-2-butene	Bailer	No	EPA 8260	12-18-96	< 10. ug/L	10. ug/L
034496	1,1-Dichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034531	1,2-Dichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.06 ug/L	0.06 ug/L
034501	1,1-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.12 ug/L	0.12 ug/L
077093	cis-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.1 ug/L	0.1 ug/L
034546	trans-1,2-Dichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.06 ug/L	0.06 ug/L
034541	1,2-Dichloropropane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034704	cis-1,3-Dichloropropene	Bailer	No	EPA 8260	12-18-96	< 0.05 ug/L	0.05 ug/L
034699	trans-1,3-Dichloropropene	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034371	Ethylbenzene	Bailer	No	EPA 8260	12-18-96	0.73 ug/L	0.06 ug/L
077103	2-Hexanone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
034413	Methyl bromide	Bailer	No	EPA 8260	12-18-96	< 0.11 ug/L	0.11 ug/L
034418	Methyl chloride	Bailer	No	EPA 8260	12-18-96	< 0.13 ug/L	0.13 ug/L
046361	Methylene bromide	Bailer	No	EPA 8260	12-18-96	< 0.3 ug/L	0.3 ug/L
034423	Methylene chloride	Bailer	No	EPA 8260	12-18-96	< 0.03 ug/L	0.03 ug/L
081595	Methyl ethyl ketone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
077424	Methyl iodide	Bailer	No	EPA 8260	12-18-96	< 0.5 ug/L	0.5 ug/L
078133	4-Methyl-2-pentanone	Bailer	No	EPA 8260	12-18-96	< 5.0 ug/L	5.0 ug/L
077128	Styrene	Bailer	No	EPA 8260	12-18-96	< 1.0 ug/L	1.0 ug/L
077562	1,1,1,2-Tetrachloroethane	Bailer	No	EPA 8260	12-18-96	< 0.1 ug/L	0.1 ug/L
034516	1,1,2,2-Tetrachloroethane	Bailer	No	EPA 8260	12-18-96	< 0.04 ug/L	0.04 ug/L
034475	Tetrachloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.14 ug/L	0.14 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4025C30001

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

Test Site ID #: 4025A

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

Well Name: Leachate Well Purged (Y/N)

Classification of Groundwater

Well Type: Background
 Intermediate
 Compliance
 Other

Groundwater Elevation (MSL): ft.

STORET Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034010	Toluene	Bailer	No	EPA 8260	12-18-96	0.31 ug/L	0.11 ug/L
034506	1,1,1-Trichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
034511	1,1,2-Trichloroethane	Bailer	No	EPA 8260	12-18-96	< 0.10 ug/L	0.10 ug/L
039180	Trichloroethylene	Bailer	No	EPA 8260	12-18-96	< 0.19 ug/L	0.19 ug/L
034488	Trichlorofluoromethane	Bailer	No	EPA 8260	12-18-96	< 0.08 ug/L	0.08 ug/L
077443	1,2,3-Trichloropropane	Bailer	No	EPA 8260	12-18-96	< 0.3 ug/L	0.3 ug/L
077057	Vinyl acetate	Bailer	No	EPA 8260	12-18-96	< 10. ug/L	10. ug/L
039175	Vinyl chloride	Bailer	No	EPA 8260	12-18-96	< 0.17 ug/L	0.17 ug/L
034020	Xylenes	Bailer	No	EPA 8260	12-18-96	2.47 ug/L	0.11 ug/L