Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street
Leesburg, Florida 34748

Lake (904) 787-1414
Sumter (904) 793-3639
Fax (904) 787-7221

TO Department of Environmental Regulation
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.R.

JUN 21 1993

SOUTHWEST DISTRICT
TAMPA

DATE 6/17/93 JOB NO. 921100.00

ATTENTION Allison Amram, Environmental Spec.

RE Sumter County Solid Waste Management Facility
DER Permit SF60-211255

GENTLEMEN:

WE ARE SENDING YOU ☒ **Attached** ☐ under separate cover via _____ **the following items:**

☐ **Shop drawings** ☐ **Prints** ☐ **Plans** ☐ **Samples** ☐ **Specifications** ☐ **Facsimile**

☐ **Copy of letter** ☐ **Change order** ☐ _____

Copies	Date	No.	Description
1	6/9/93		Quarterly Report on Ground Water Monitoring for period April 1, 1993 to June 30, 1993

THESE ARE TRANSMITTED as checked below:

☐ **For approval** ☐ **Approved as submitted** ☐ **Approved for payment**

☒ **For your use** ☐ **Approved as noted** ☐ **Resubmit** _____ **copies for approval**

☐ **As requested** ☐ **Returned for corrections**

☐ **For review and comment** ☐ _____

☐ **Material and/or prints returned after loan to us**

REMARKS

P 616 841 634

COPY TO

SIGNED: James A. Dunaway, PG

jal

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
4520 OAK FAIR BLVD.
TAMPA, FLORIDA 33610-7347
813-623-5561
Suncom—552-7612

D.E.R.

JUN 21 1993

SOUTHWEST DISTRICT
TAMPA

BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
DR. RICHARD D. GARRITY
DISTRICT MANAGER

QUARTERLY REPORT ON GROUND WATER MONITORING
RULE 17-4.245(6)(K)2.

GMS# 4060C00092

DATE June 9, 1993
DER PERMIT SF60-211255

Sumter County Solid Waste Management Facility
Installation Name

222 East McCollum Avenue, Bushnell, Florida 33513 Sumter
Address City State Zip County

Garry Breeden Director of Public Works
Owner or Authorized Representative's Name Title

Method of Discharge Landfill

Type of Industry

Report for Period April 1, 1993 (date) to June 30, 1993 (date)

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

Owner or Authorized Representative's Signature — Date: 6-14-93

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12054
WELL NAME MONITOR WELL 1
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
(XX)INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 44.8 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	1.22	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	105	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	3.27	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	2.72	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	243	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	3.45	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	300	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	4.20	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.0786	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	8.29	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	2.46	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	140	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	62.2	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	24.8	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	63	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	2.60	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A12054
WELL NAME MONITOR WELL 1
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
(XX)INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 44.8 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESER-VATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12055
WELL NAME MONITOR WELL 2
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE (XX) BACKGROUND
( ) SITE BOUNDARY
( ) INTERMEDIATE
( ) COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 44.6 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	1.0	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	40.9	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	2.42	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	6.07	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	34.0	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	4.44	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	80	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	3.73	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	1.18	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	6.97	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	11.2	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	318	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	59.6	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	25.1	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	409	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	35.2	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A12055
WELL NAME MONITOR WELL 2
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE (XX) BACKGROUND
( ) SITE BOUNDARY
( ) INTERMEDIATE
( ) COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 44.6 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12057
WELL NAME MONITOR WELL 4
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
(XX)SITE BOUNDARY
( )INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.2 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	1.0	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	16.8	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	.669	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	4.29	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	33.0	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	3.73	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	100	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	1.43	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.0669	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.40	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	4.59	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	260	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	27.3	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	26.9	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	323	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	13.4	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A12057
WELL NAME MONITOR WELL 4
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
(XX)SITE BOUNDARY
( )INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.2 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12058
WELL NAME MONITOR WELL 5
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.0 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	2.33	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	2.22	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	0.592	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	5.11	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	11.0	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	8.38	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	200	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	11.8	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.352	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.70	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	10.2	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	108	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	24.2	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	117	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	3.40	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A12058
WELL NAME MONITOR WELL 5
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.0 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A13955
WELL NAME MONITOR WELL 6A
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.0 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	1.0	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	0.0192	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	5.88	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	2.88	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	31.0	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	7.44	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	120	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	8.787	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.0159	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	8.25	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	0.500	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	168	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	23.2	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	161	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	10.6	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A13955
WELL NAME MONITOR WELL 6A
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.0 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A14304
WELL NAME MONITOR WELL 7
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.3 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	1.0	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	2.62	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	4.76	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	3.38	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	32.0	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	7.54	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	80.0	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	1.18	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.0149	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.56	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	1.03	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	208	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	25.2	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	278	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	1.60	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL # 4060A14304
WELL NAME MONITOR WELL 7
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 4-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 45.3 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESER-VATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL #
WELL NAME MONITOR WELL 8
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 5-4-93
WELL TYPE (XX) BACKGROUND
( ) SITE BOUNDARY
( ) INTERMEDIATE
( ) COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	18.1	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	300	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	1.82	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	8.95	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	3400	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	10.4	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	6000	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	25.2	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.272	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1		ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	1.0	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	272	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----		C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1		umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	189	mg/l	UNFILTERED	NONE

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DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL #
WELL NAME MONITOR WELL 8
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 5-4-93
WELL TYPE(XX)BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESER-VATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

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PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL #
WELL NAME MONITOR WELL 9
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 5-4-93
WELL TYPE(XX)BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	120	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	404	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	0.0608	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	10.7	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	3900	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	12.9	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	8000	PTU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	29.5	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.424	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1		ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	20.6	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	398	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	37.6	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----		C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1		umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	216	mg/l	UNFILTERED	NONE

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DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)
SEMI-ANNUAL

GMS# 4060C0092
MONITORING WELL #
WELL NAME MONITOR WELL 9
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 5-4-93
WELL TYPE (XX) BACKGROUND
( ) SITE BOUNDARY
( ) INTERMEDIATE
( ) COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESER-VATIVES ADDED
039180	TRICHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
032101	CARBON TETRA-CHLORIDE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
039175	VINYL CHLORI	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034506	1,1,1 TRI-CHLOROETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 602	<0.5	ug/l	UNFILTERED	H2SO4
900222	ETHLYENE DIBROMIDE	GRAB	EPA 504.1	<0.005	ug/l	UNFILTERED	H2SO4
	PARA-DI-CHLO-ROBENZENE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE
	1,1-DICHLORO-ETHANE	GRAB	EPA 601	<0.5	ug/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

D.E.R.

SOUTHWEST DISTRICT
4520 OAK FAIR BLVD.
TAMPA, FLORIDA 33610-7347
813-623-5561
Suncom—552-7612

JAN 28 1993

SOUTHWEST DISTRICT TAMPA

BOB MARTINEZ
GOVERNOR
DALE TWACHTMANN
SECRETARY
DR. RICHARD D. GARRITY
DISTRICT MANAGER

QUARTERLY REPORT ON GROUND WATER MONITORING
RULE 17-4.245(6)(K)2.

GMS# 4060C00092 DATE 1-27-93

DER PERMIT SF60-146475

Sumter County Class I Landfill
Installation Name

222 E MCCOLLUM AVENUE	BUSHNELL	FLORIDA	33513	SUMTER
Address	City	State	Zip	County

GARRY BREEDON — DIRECTOR OF PUBLIC WORKS
Owner or Authorized Representative's Name — Title

Method of Discharge GROUNDWATER SLOWRATE INFILTRATION

Type of Industry MSW LANDFILL

Report for Period 1-1-93 (date) to 3-31-93 1ST QUARTER (date)

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

Owner or Authorized Representative's Signature — 1-27-93 Date

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12054
WELL NAME MONITOR WELL 1
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
(XX)INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.0 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	6.49	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	121	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	1.54	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	3.30	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	375	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	6.96	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	200	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	5.23	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.143	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.87	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	5.64	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	154	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	26.3	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	25.3	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	66	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	6.80	mg/l	UNFILTERED	NONE

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DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12055
WELL NAME MONITOR WELL 2
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE (XX) BACKGROUND
( ) SITE BOUNDARY
( ) INTERMEDIATE
( ) COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.6 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	8.58	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	68.1	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	1.41	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	5.05	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	240	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	7.67	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	200	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	8.07	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	1.72	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	6.94	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	7.66	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	390	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	62.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	24.6	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	371	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	131	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12057
WELL NAME MONITOR WELL 4
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE( )BACKGROUND
(XX)SITE BOUNDARY
( )INTERMEDIATE
( )COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.2 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	14.2	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	40.3	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	0.763	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	4.24	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	210	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	5.05	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	10.0	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	2.79	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.119	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.32	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	3.26	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	268	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	21.3	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	24.9	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	302	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	84.9	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A12058
WELL NAME MONITOR WELL 5
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.8 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	<1.0	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	<2.0	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	0.296	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	4.91	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	4.30	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	11.9	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	20.0	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	7.21	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.244	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	8.40	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	4.09	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	118	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	30.1	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	24.6	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	116	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	42	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A13955
WELL NAME MONITOR WELL 6A
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.7 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESER-VATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	2.88	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	34.1	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	2.91	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	2.71	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	460	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	8.36	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	100	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	1.34	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.109	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	6.82	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	2.94	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	192	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	23.7	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	156	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	133	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS# 4060C0092
MONITORING WELL # 4060A14304
WELL NAME MONITOR WELL 7
CLASSIFICATION OF GROUNDWATER G-II

WELL DEVELOPED* PRIOR TO
SAMPLE COLLECTION (YES/NO) YES

SAMPLE DATE 1-5-93
WELL TYPE( )BACKGROUND
( )SITE BOUNDARY
( )INTERMEDIATE
(XX)COMPLIANCE
GROUNDWATER ELEVATION
(ABOVE MSL) 43.4 FEET

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
001027	CADMIUM	GRAB	EPA 200.7	4.40	ug/l	UNFILTERED	HNO3
001034	CHROMIUM	GRAB	EPA 200.7	31.0	ug/l	UNFILTERED	HNO3
000620	NITRATE	GRAB	EPA 353.1	2.85	mg/l	UNFILTERED	H2SO4
000929	SODIUM	GRAB	EPA 200.7	3.60	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	200	NTU	UNFILTERED	NONE
000940	CHLORIDE	GRAB	EPA 325.3	9.18	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.3	20.0	PCU	UNFILTERED	NONE
900219	IRON	GRAB	EPA 200.7	1.82	mg/l	UNFILTERED	HNO3
900220	MANGANESE	GRAB	EPA 200.7	0.0833	mg/l	UNFILTERED	HNO3
000400	pH	GRAB	EPA 150.1	7.56	ST.UN	UNFILTERED	NONE
000945	SULPHATE	GRAB	EPA 375.2	1.13	mg/l	FILTERED	NONE
070300	TOTAL DISSOL SOLIDS	GRAB	EPA 160.1	212	mg/l	FILTERED	NONE
000335	CHEMICAL OXYGEN DEMAN	GRAB	EPA 410.4	<20.0	mg/l	UNFILTERED	H2SO4
000010	TEMPERATURE	GRAB	-----	23.7	C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	181	umhos	UNFILTERED	NONE
	TOTAL ORGANI CARBON	GRAB	EPA 415.1	72.0	mg/l	UNFILTERED	NONE

* WELL DEVELOPMENT IS THE PROCESS OF PUMPING THE WELL PRIOR TO SAMPLING IN ORDER TO OBTAIN A REPRESENTATIVE GROUND WATER SAMPLE.

DER FORM 17-1.216(2)
EFFECTIVE JANUARY 1, 1983

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 32636

Date Reported : Jan20 1993
Project Number : Sumter landfill
PO Number : N/A
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Metals Inorganic
Date Sampled:Jan 6 1993 Date Received:Jan 6 1993 Lab Numbers: 11737-11742

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	11737 SL1	11738 SL2	11739 SL4	11740 SL5	11741 SL6A
Color (color units)	PCU	5.00			200.	200.	10.0	20.0	100.
Chloride	mg/L	0.0100	98.6	.860	6.96	7.67	5.05	11.9	8.36
Sulfate	mg/L	0.200	103.	3.05	5.64	7.66	3.26	4.09	2.94
TDS	mg/L	2.50	90.5	2.06	154.	390.	268.	118.	192.
Turbidity	NTU	0.0500	108.	3.47	375.	240.	210.	4.30	460.
Nitrate(as N)	mg/L	0.0100	89.1	12.3	1.54	1.41	0.763	0.296	2.91
Total_Organic_Carbon	mg/L	1.00	104.	8.43	6.80	131.	84.9	42.0	133.
Chemical Oxygen Dema	mg/L	20.0	105.	1.69	26.3	62.0	21.3	30.1	<20.0
Cadmium	mg/L	.00100	105.	1.11	.00649	.00858	0.0142	<.0010	.00288
Chromium	mg/L	.00200	106.	1.94	0.121	0.0681	0.0403	<.0020	0.0341
Sodium	mg/L	0.0100	112.	3.42	3.30	5.05	4.24	4.91	2.71
Iron	mg/L	0.0100	104.	.690	5.23	8.07	2.79	7.21	1.34
Manganese	mg/L	.00500	121.	.400	0.143	1.72	0.119	0.244	0.109

Data Release Authorization
Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report of Analysis may not be reproduced in part.

Jefferson S. Flowers, Ph.d.
President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

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ALTAMONTE SPRINGS
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FAX: (407) 260-6110

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CHEMICAL LABORATORIES INCORPORATED

Received From:
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FloralCity,FL 32636

Date Reported : Jan20 1993
Project Number : Sumter landfill
PO Number : N/A
FDHRSDW Number : 83139
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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Metals Inorganic
Date Sampled:Jan 6 1993 Date Received:Jan 6 1993 Lab Numbers: 11737-11742

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	11742 SL7
Color (color units)	PCU	5.00			20.0
Chloride	mg/L	0.0100	98.6	.860	9.18
Sulfate	mg/L	0.200	103.	3.05	1.13
TDS	mg/L	2.50	90.5	2.06	212.
Turbidity	NTU	0.0500	108.	3.47	200.
Nitrate(as N)	mg/L	0.0100	89.1	12.3	2.85
Total_Organic_Carbon	mg/L	1.00	104.	8.43	72.0
Chemical Oxygen Dema	mg/L	20.0	105.	1.69	<20.0
Cadmium	mg/L	.00100	105.	1.11	.00440
Chromium	mg/L	.00200	106.	1.94	0.0310
Sodium	mg/L	0.0100	112.	3.42	3.60
Iron	mg/L	0.0100	104.	.690	1.82
Manganese	mg/L	.00500	121.	.400	0.0833

Data Release Authorization
Sample integrity and reliability certified by Lab personnel prior to analysis. Methods of analysis in accordance with FCL QA and EPA approved methodology. This Report of Analysis may not be reproduced in part.

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Florida Department of Environmental Regulation

Southwest District • 3804 Coconut Palm • Tampa, Florida 33619

Lawton Chiles, Governor 813-744-6100 Carol M. Browner, Secretary

January 22, 1993

Mr. Garry Breeden, Director
Department of Public Works
222 East McCollum Ave.
Bushnell, Florida 33513

RE: Submittal of Routine Groundwater Monitoring Analysis Reports
Sumter County Landfill #SF60-211255

Dear Mr. Breeden:

In regard to future submittals of routine groundwater monitoring analysis reports for the above referenced solid waste facility, the Department requests that one complete copy of the report be sent to each of the following persons:

1) Allison Amram, Environmental Specialist III
(cover letter and report)
Department of Environmental Regulation
Waste Management Section
3804 Coconut Palm Drive
Tampa, FL 33619-8318

2) Chongman Lee (copy of report and cover letter to Allison Amram)
Department of Environmental Regulation
Waste Management Section
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Please correct or delete any other Department personnel you may have previously sent copies of the report to. Your cooperation in this matter is appreciated.

Sincerely,

Steven G. Morgan
Solid Waste
Compliance/Enforcement Supervisor
Southwest District

SGM/hjs
cc: Chongman Lee, SW-Tallahassee

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