GROUNDWATER MONITORING PLAN EVALUATION

AT

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY SUMTER COUNTY, FLORIDA

FOR

THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

MAY 25, 1994
921100.000

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

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PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

FOR

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LEESBURG, FLORIDA

MAY 25, 1994
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Groundwater Monitoring Plan Evaluation
Sumter County Landfill Long-Term Care
GMS ID No: 4060C00092
Permit No: SF60-211255
Sumter County Solid Waste Management Facility
Sumter County, Florida
921100.000

May 25, 1994

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May 25, 1994

INTRODUCTION

Springstead Engineering, Inc. (SEI) has completed the Groundwater Monitoring Plan Evaluation for the Sumter County Solid Waste Management Facility. This report presents SCI's analysis and evaluation of the groundwater monitoring system at the Sumter County facility.

Specific Condition No. 8 of Permit No. SF60-211255 states the following:

> **8. In accordance with Chapter 17-520, Florida Administrative Code, the new wells as part of the Groundwater Monitoring System shall be constructed and all wells sampled within ninety (90) days of the issuance of this permit. The permittee shall ensure that the groundwater monitoring system adequately monitors the existing site. Within one hundred and twenty (120) days after issuance of this permit, an evaluation regarding the effectiveness of the system shall be certified by the professional in-charge and submitted to the Department. The evaluation shall include but not be limited to a groundwater table contour map and shall indicate the direction of groundwater flow. The report containing the evaluation shall also include new well construction information and sampling results.**

GROUNDWATER TABLE CONTOUR MAPS

Groundwater table contour maps have been prepared from data collected during the three (3) groundwater sampling events performed since the issuance of the permit. The maps are presented in Appendix A.

DIRECTION OF GROUNDWATER FLOW

The direction of groundwater flow, as determined by a review of the three (3) groundwater contour maps presented in Appendix A, is in a general westerly direction.

Groundwater Monitoring Plan Evaluation
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May 25, 1994

NEW WELLS CONSTRUCTION INFORMATION

Specific Condition No. 9 of Permit No. SF60-211255 states the following:

> **9. Upon completion of any new well(s) constructed, the following information shall be provided:**
>
> **Well identification;**
> **Driller's Log;**
> **Latitude / Longitude;**
> **Total Depth of well;**
> **Aquifer monitored;**
> **Casing diameter;**
> **Screen Type and slot size;**
> **Casing type and length;**
> **Screen length;**
> **SWFWMD well construction permit numbers;**
> **Elevation at top of pipe; and**
> **Elevation at land surface.**

New well construction information, regarding monitoring wells MW-8 and MW-9, has previously been submitted to FDEP and is presented with some additional data in Appendix B.

The analyses results of new well sampling for MW-8 and MW-9 are presented in Appendix C. These results have been previously submitted to FDEP.

Specific Condition No. 11 of Permit No. SF60-211255 states the following:

> **11. Upon completion of the new wells as part of the groundwater monitoring system, all groundwater monitoring wells shall be sampled for the following parameters:**
>
> **EPA 624/625 parameters (all compounds detected above 10 μ/ℓ shall be reported);**
> **EPA Priority Pollutant Metals;**

Primary and Secondary Drinking Water Standards which are not included in the above items;
Water Level;
Temperature;
Conductivity;
Ammonium; and
Color.

No parameters were detected above 10 μ/ℓ in the analytical testing by EPA Method 624 or EPA Method 625; therefore, reporting was not required. Copies of the analytical laboratory results are presented in Appendix D.

SUMMARY OF ANALYTICAL RESULTS

The results of selected parameters have been tabulated in spreadsheet form to aid in comparisons between the sampling points and between the sampling events. The parameters are:

1. Aluminum;
2. Ammonium;
3. Cadmium;
4. Chloride;
5. Chromium;
6. Color;
7. Iron;
8. Nitrate;
9. pH;
10. Sodium;
11. Specific Conductance;
12. Sulfate;
13. Total Dissolved Solids;
14. Temperature; and
15. Turbidity.

The spreadsheets are presented in Appendix E.

Groundwater Monitoring Plan Evaluation
Sumter County Landfill Long-Term Care
GMS ID No: 4060C00092
Permit No: SF60-211255
Sumter County Solid Waste Management Facility
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May 25, 1994

PERTINENT OBSERVATIONS

Based on a review of analytical data presented in Appendix D, a trend is noted in the results from MW-2 as the parameters chloride, color, sodium, specific conductance, sulfate, and total dissolved solids have increased in the last two (2) sampling events. It is unknown as to the source of elevated levels of the test parameters. All of the parameters are below Department MCL's with the exception of chloride and sodium. SEI has informed the County and exploration as to the probable source of the elevated levels has been recommended.

The Second Quarter, 1994 sampling event marks the end of the first full year of sampling and analysis under the present permit at this facility. . Pending a review of the Second Quarter, 1994 results a recommendation to change some of the parameters from a quarterly to an annual basis may be warranted.

EVALUATION

It is the opinion of Springstead Engineering, Inc. that the existing groundwater monitoring system in operation at the Sumter County Solid Waste Management Facility (GMS ID No. 4060C00092) is in good condition and is performing adequately at this time.

CLOSURE

The analysis and evaluation submitted herein is based on the results of field and analytical testing parameters performed over the past 12 months. This report has been prepared in accordance with generally accepted hydrogeological and geotechnical engineering practices.

Groundwater Monitoring Plan Evaluation
Sumter County Landfill Long-Term Care
GMS ID No: 4060C00092
Permit No: SF60-211255
Sumter County Solid Waste Management Facility
Sumter County, Florida
921100.000

May 25, 1994

If you have any questions concerning the content of this report or if you require additional information, please contact our office.

Very truly yours,

SPRINGSTEAD ENGINEERING, INC.

John W. Springstead, P.E.
President
Florida Reg. No. 8579

James A. Dunaway, P.G.
Engineering Geologist
Florida Reg. No. 39

David W. Springstead
Project Engineer

GROUNDWATER MONITORING
PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

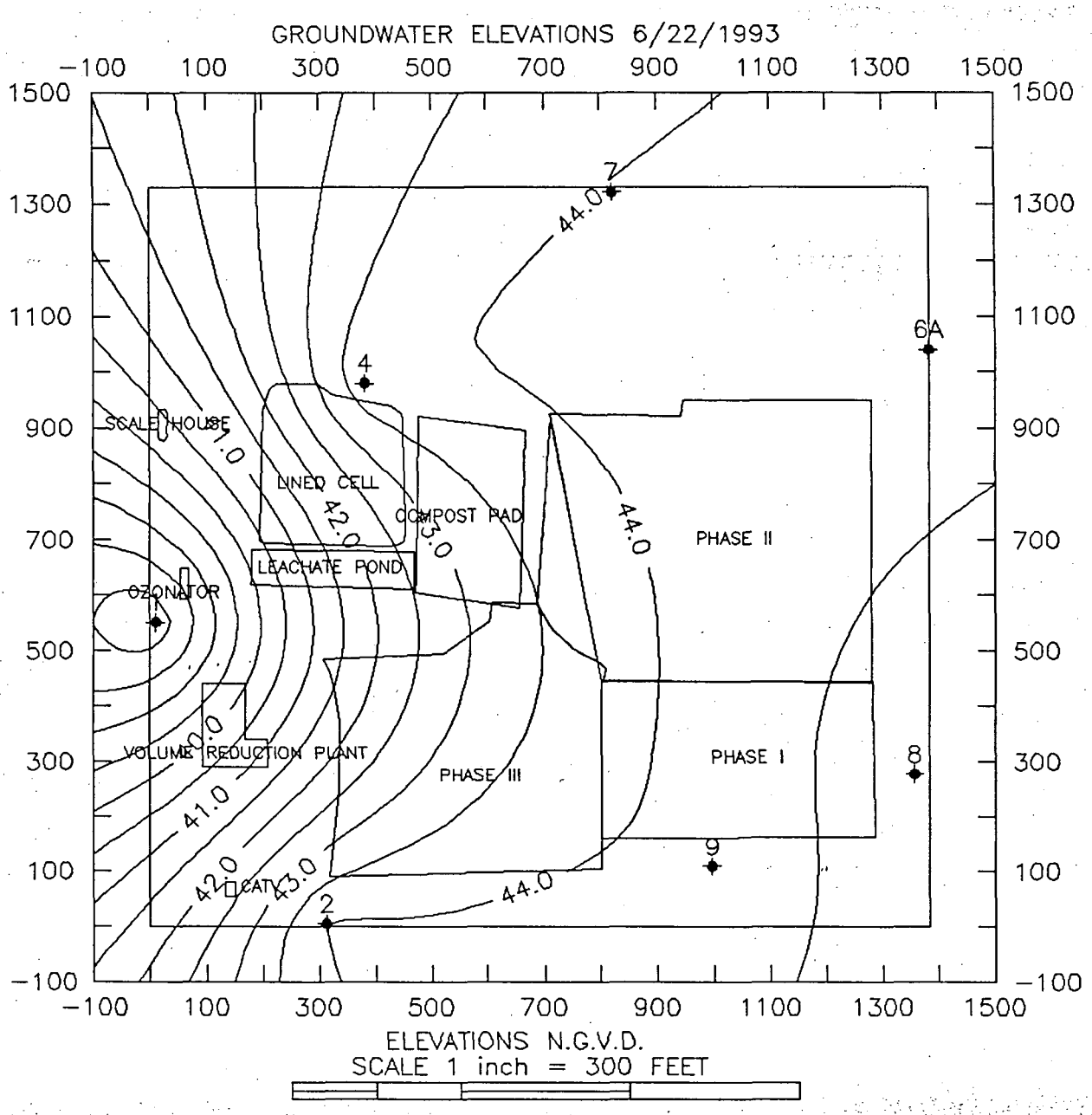
APPENDIX A
GROUNDWATER ELEVATION CONTOUR MAPS

Springstead Engineering, inc.

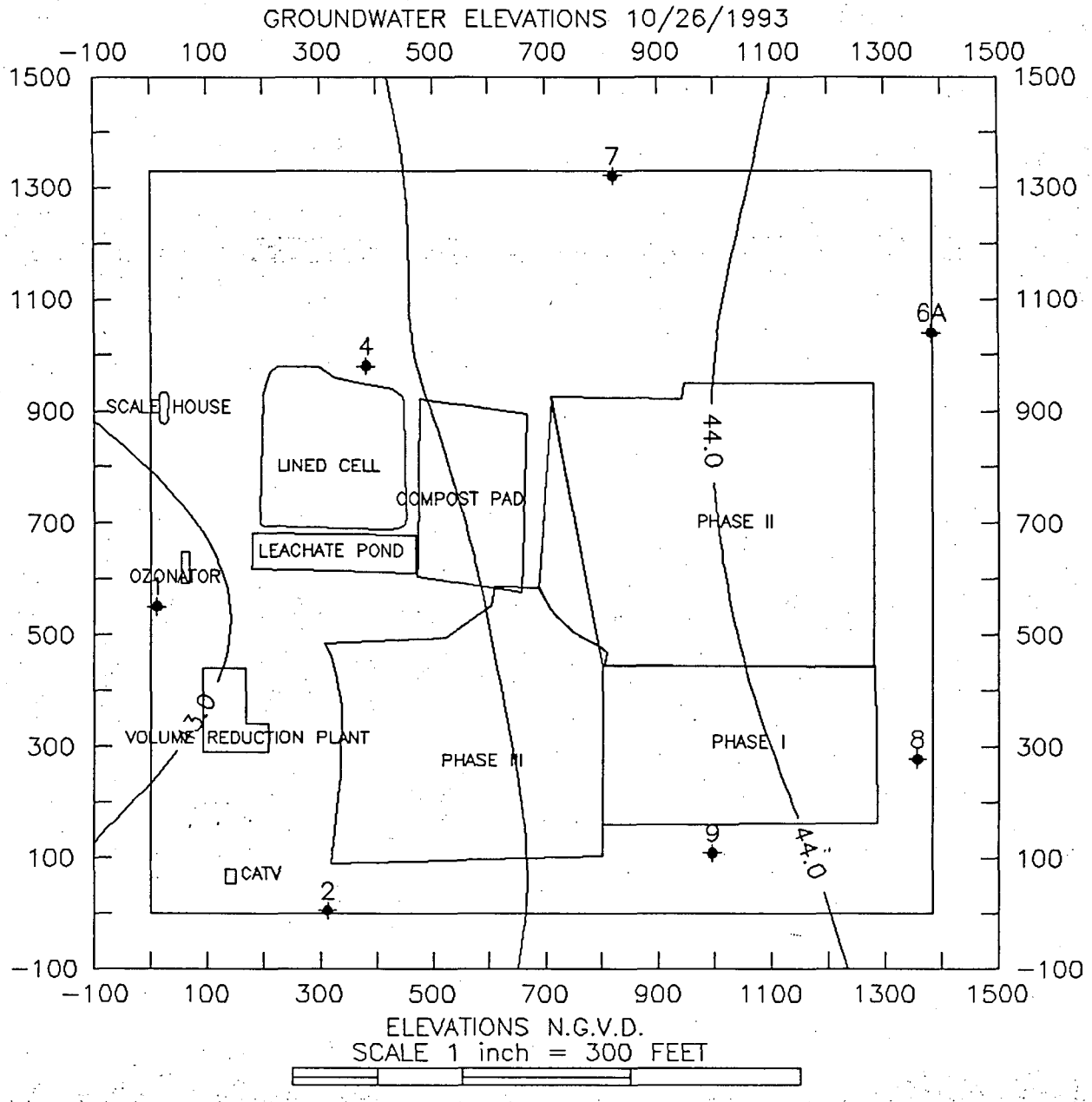
LEESBURG, FLORIDA

MAY 25, 1994
921100.000

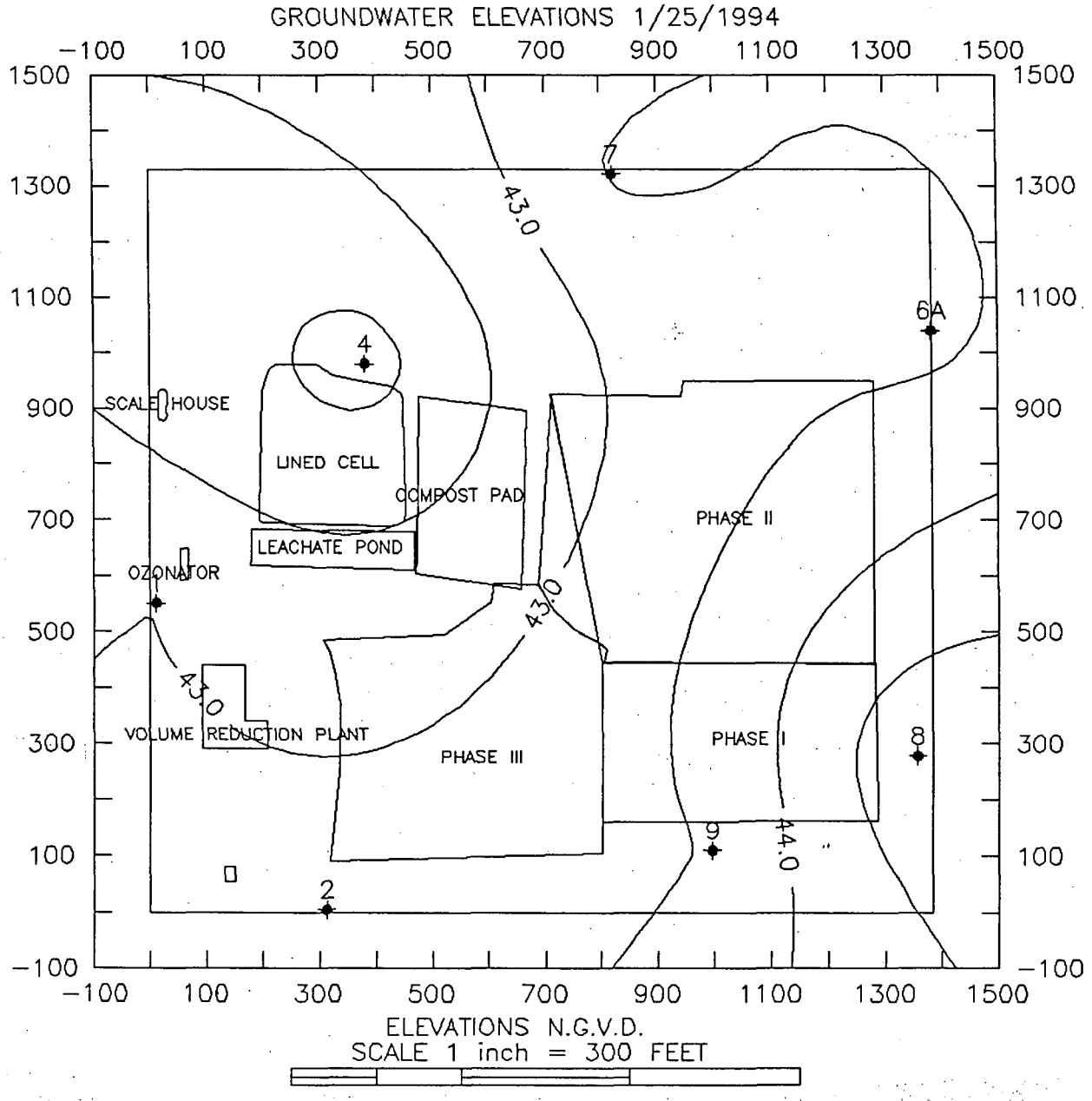
SUMTER COUNTY – 921100.000



SUMTER COUNTY – 921100.000



SUMTER COUNTY – 921100.000



GROUNDWATER MONITORING
PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

APPENDIX B
NEW MONITORING WELL
CONSTRUCTION INFORMATION

Springstead Engineering, inc.

LEESBURG, FLORIDA

MAY 25, 1994
921100.000

MONITORING WELL COMPLETION REPORT

DATE: 09/21/93

FACILITY NAME: Sumter County Solid Waste Management Facility

FDEP PERMIT NO.: SF60-211255 GMS NO.: 4060C00092

WELL NO.: 4060A17008 WELL NAME: MW-8 WELL TYPE: B

DATE INSTALLED: 04/13/93

BY: American Drilling, Inc., Contractor #9088

AQUIFER MONITORED: Floridan

HOLE DIAMETER: 0.83 (feet) TOTAL DEPTH: 41.0 (feet)

CASING TYPE: PVC CASING DIAMETER/LENGTH: 2.0"/38'

SCREEN TYPE: PVC SCREEN SLOT SIZE/LENGTH: 0.010"/5.0'

FILTER PACK TYPE/SIZE: 20/30 Sand INTERVAL: 31' to 41'(feet)

SEALANT TYPE: Fine Sand INTERVAL: 30' to 31'(feet)

GROUT TYPE: Type I & Bentonite Gel INTERVAL: 0' to 30'(feet)

MEASURING POINT LOCATION AND ELEV. (feet NGVD): TOC 69.26'

GROUND SURFACE ELEVATION (feet NGVD): 67.14' Top of Concrete Pad

LATITUDE AND LONGITUDE OF WELL: 28°42'32"N 82°05'15"W

WELL DEVELOPMENT: Compressed Air

NAME OF PERSON PREPARING REPORT: James A. Dunaway, P.G.

ATTACH LITHOLOGIC LOG.
bls - BELOW LAND SURFACE
WELL TYPE: B = BACKGROUND I - INTERMEDIATE C = COMPLIANCE
TOC - TOP OF CASING

MONITORING WELL COMPLETION REPORT

DATE: 09/21/93

FACILITY NAME: Sumter County Solid Waste Management Facility

FDEP PERMIT NO.: SF60-211255 GMS NO.: 4060C00092

WELL NO.: 4060A17009 WELL NAME: MW-9 WELL TYPE: B

DATE INSTALLED: 04/14/93

BY: American Drilling, Inc., Contractor #9088

AQUIFER MONITORED: Floridan

HOLE DIAMETER: 0.83 (feet) TOTAL DEPTH: 46.0 (feet)

CASING TYPE: PVC CASING DIAMETER/LENGTH: 2.0"/38'

SCREEN TYPE: PVC SCREEN SLOT SIZE/LENGTH: 0.010"/5.0'

FILTER PACK TYPE/SIZE: 20/30 Sand INTERVAL: 36' to 46' (feet)

SEALANT TYPE: Enviroplug (Med.) INTERVAL: 29' to 36' (feet)

GROUT TYPE: Type I & Bentonite Gel INTERVAL: 0' to 29' (feet)

MEASURING POINT LOCATION AND ELEV. (feet NGVD): TOC 71.95'

GROUND SURFACE ELEVATION (feet NGVD): 70.25' Top of Concrete Pad

LATITUDE AND LONGITUDE OF WELL: 28°42'30"N 82°05'20"W

WELL DEVELOPMENT: Compressed Air

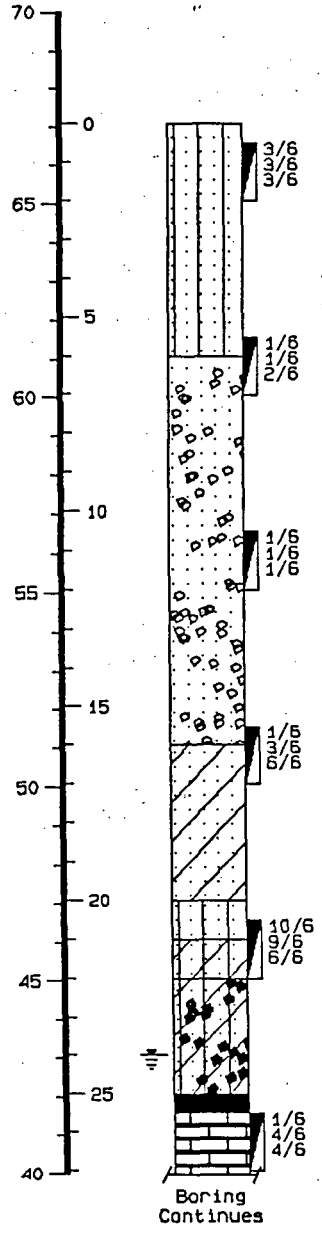
NAME OF PERSON PREPARING REPORT: James A. Dunaway, P.G.

ATTACH LITHOLOGIC LOG.
bls - BELOW LAND SURFACE
WELL TYPE: B = BACKGROUND I - INTERMEDIATE C = COMPLIANCE
TOC - TOP OF CASING

BORING LOG

BORING NO. MW-8

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL
BORING NO.: MW-8 ELEV.: 67.1 DATE: 4-12 & 4-13-93
BORING LOCATION: FROM SE CORNER OF SITE, 278.13' Nly ON PL, 28.17' LEFT
BORING METHOD: HOLLOW-STEM AUGER DRILLER: G. WADE / AMERICAN DRLG
CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
DEPTH TO - Water: 24 DEPTH OF COLLAPSE: NONE



ELEV / DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
		SILTY SANDS SAND-SILT MIXES	LIGHT GRAY 10YR 7/1 SLIGHTLY PLASTIC MIX OF CLAY, SILT AND FINE SAND
		SAND WITH CLAY INCLUSIONS	@ 6' VERY PALE BROWN 10YR 7/3 WITH GRAY 10YR 6/1 CLAYEY NODULES
		CLAYEY SANDS SAND-CLAY MIXES	@ 14' LIGHT BROWN-GRAY 10YR 6/2 FINE SAND WITH GRAY 10YR 6/1 CLAYEY NODULES @ 16' LIGHT GRAY 10YR 7/2 HIGHLY PLASTIC MIX OF SILT, CLAY AND FINE SAND
		SILTY SANDS SAND-SILT MIXES SILTY-CLAYEY SANDS SAND-SILT-CLAY MIXES SILTY, CLAYEY SAND WITH LIMESTONE INCLUSIONS ZONE OF LITTLE OR NO BEARING LIMESTONE	@ 20' BROWN-YELLOW 10YR 6/6 SILTY FINE SAND @ 21' LIGHT GRAY 10RY 7/2 MEDIUM PLASTIC MIX OF CLAY, SILT AND FINE SAND @ 22' LIGHT GRAY 10YR 7/2 MEDIUM PLASTIC MIX OF CLAY, SILT AND FINE SAND WITH LIMESTONE NODULES WEIGHT OF ROD 6" AT 25' @ 25' WHITE 10YR 8/1.5 LIMESTONE

BORING TERMINATED AT 41'. MONITORING WELL SET.

BORING LOG

BORING NO. MW-8

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL
BORING NO.: MW-8 ELEV.: 67.1 DATE: 4-12 & 4-13-93
BORING LOCATION: FROM SE CORNER OF SITE, 278.13' Nly ON PL, 28.17' LEFT
BORING METHOD: HOLLOW-STEM AUGER DRILLER: G. WADE / AMERICAN DRLG
CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
DEPTH TO - Water: 24 DEPTH OF COLLAPSE: NONE

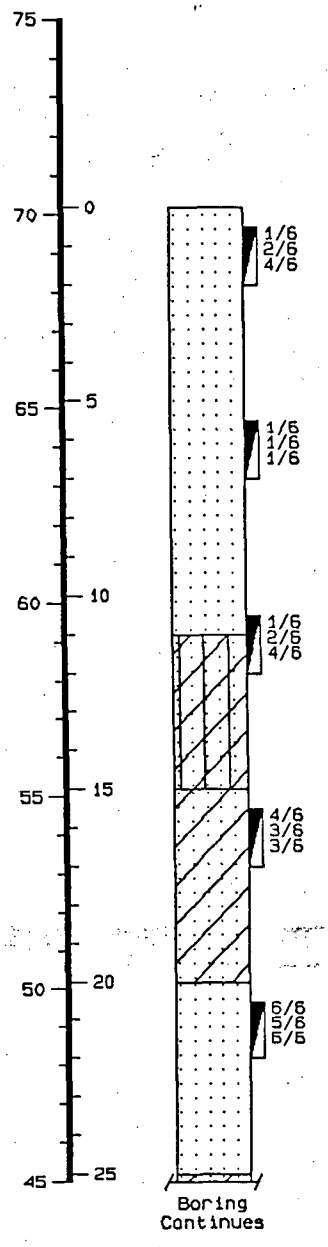
ELEV / DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
40			
30	1/6 13/6 9/6	ZONE OF LITTLE OR NO BEARING	SOFT LIMESTONE @ 28' WEIGHT OF ROD 6" AT 30'
35		LIMESTONE	WHITE 10YR 8/1.5 LIMESTONE
35	15/6 31/1		
30			
40			

BORING TERMINATED AT 41'. MONITORING WELL SET.

BORING LOG

BORING NO. MW-9

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL
BORING NO.: MW-9 ELEV.: 70.2 DATE: 4-13 & 4-14-93
BORING LOCATION: FROM SE CORNER, 388.79' Wly ON PL, 109.74' RIGHT
BORING METHOD: HOLLOW-STEM AUGER DRILLER: G. WADE / AMERICAN DRLG
CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
DEPTH TO - Water: 31 DEPTH OF COLLAPSE: NONE



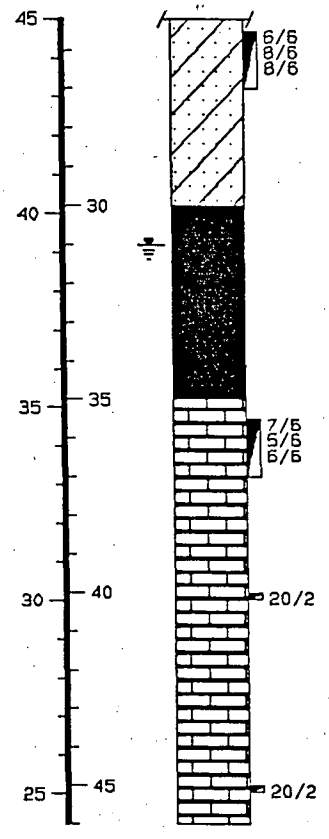
ELEV / DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
70 / 0	1/6, 2/6, 4/6	POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES	NO RECOVERY - READ SOIL FROM AUGER - PALE BROWN 10YR 6/3 FINE SAND
65 / 5	1/6, 1/6, 1/6		BROWN 10YR 5/3 FINE SAND
60 / 10	1/6, 2/6, 4/6	SILTY-CLAYEY SANDS SAND-SILT-CLAY MIXES	@ 11' GRAY 10YR 6/1 MEDIUM PLASTIC MIX OF CLAY, SILT AND FINE SAND
55 / 15	4/6, 3/6, 3/6	CLAYEY SANDS SAND-CLAY MIXES	GRAY 10YR 6/1 HIGHLY PLASTIC MIX OF CLAY, SILT AND FINE SAND
50 / 20	6/6, 5/6, 6/6	POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES	LIGHT GRAY 10YR 7/1 FINE SAND
45 / 25	Boring Continues	CLAYEY SANDS SAND-CLAY MIXES	LIGHT GRAY N 7/0 HIGHLY PLASTIC MIX OF CLAY, SILT AND FINE SAND

BORING TERMINATED AT 46'. MONITORING WELL SET.

BORING LOG

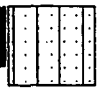
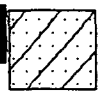
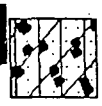
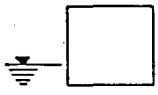
BORING NO. MW-9

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL
BORING NO.: MW-9 ELEV.: 70.2 DATE: 4-13 & 4-14-93
BORING LOCATION: FROM SE CORNER, 388.79' Wly ON PL, 109.74' RIGHT
BORING METHOD: HOLLOW-STEM AUGER DRILLER: G. WADE / AMERICAN DRLG
CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
DEPTH TO - Water: 31 DEPTH OF COLLAPSE: NONE

ELEV / DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
45 /			
40 / 30		ZONE OF LITTLE OR NO BEARING	WEIGHT OF HAMMER AND ROD 12" AT 30' - PLACE BIT ON ROD 4' TO 35'
35 / 35		LIMESTONE	@ 35' WHITE 10YR 8/2 LIMESTONE
30 / 40			WHITE 10YR 8/2 LIMESTONE
25 / 45			

BORING TERMINATED AT 46'. MONITORING WELL SET.

Legend:

Symbol:	Description:	Symbol:	Description:
	SILTY SANDS SAND-SILT MIXES		SAND WITH CLAY INCLUSIONS
	CLAYEY SANDS SAND-CLAY MIXES		SILTY-CLAYEY SANDS SAND-SILT-CLAY MIXES
	SILTY, CLAYEY SAND WITH LIMESTONE INCLUSIONS		ZONE OF LITTLE OR NO BEARING
	LIMESTONE		POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES
 7/6 5/6	STANDARD PENETRATION TEST. 140 lb. HAM- MER DROPPED 30".		GROUNDWATER TABLE MEASURED AT COMPLETION OF BORING

Notes:

1. BORINGS ADVANCED WITH A 4" CONTINOUS FLIGHT AUGER.
2. ELEVATIONS REPORTED ON LOGS PROVIDED BY CLIENT.
3. THESE LOGS ARE SUBJECT TO THE LIMITATIONS, CONCLUSIONS, AND RECOMMENDATIONS IN THIS REPORT. DUE TO POSSIBLE VARIANCES IN THE SUBSURFACE BETWEEN THE LOCATIONS OF THE BORINGS, AND THE VARYING DEGREE OF DISTURBANCE, THE DESCRIPTIONS GIVEN ARE GOOD ONLY FOR THE MATERIALS REMOVED DURING THE CONSTRUCTION OF EACH BORING.
4. RELATIVE DENSITY (sand-silt)
   VERY LOOSE - Less than 4 blows/ft. LOOSE - 4 to 10 blows/ft.
   MEDIUM - 10 to 30 blows/ft. DENSE - 30 to 50 blows/ft.
   VERY DENSE - More than 50 blows/ft.
5. CONSISTENCY (clay)
   VERY SOFT - Less than 2 blows/ft. SOFT - 2 to 4 blows/ft.
   MEDIUM - 4 to 8 blows/ft. STIFF - 8 to 15 blows/ft.
   VERY STIFF - 15 to 30 blows/ft.
   HARD - More than 30 blows/ft.
6. COLORS ARE DETERMINED BY USING THE MUNSELL SOIL COLOR CHART AND THE VALUES ARE GIVEN IN CODE SUCH AS 10YR 3/4.

APPLICATION TO CONSTRUCT, REPAIR, MODIFY OR ABANDON A WELL

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

2379 Broad St., Brooksville, Florida 34609-6899, (904) 796-7211

Permit No. ( ) — WUP No.

Stipulations Required — 17-524 Well

WUP Application No. — Owner Number

ABOVE THIS LINE - FOR OFFICIAL USE ONLY

1. SUMTER County Board of County Comm., 222 E. McCollum Ave, Bushnell FLA 33513
   Owner, Legal Name of Entity if Corporation — Address — Zip — Telephone Number
2. CO. LANDFILL, C.R. 527, Sumterville, FLA
   Well Location: Address, Road Name or Number
3. AMERICAN DRILLING INC. 4-8-93 —
   Drilling Contractor — Date — License No.

   4811 N. 10th St. Tampa FLA 33610
   Address — City — State — Zip Code

4. Number of Wells: 2. *Check the Use of the Well:*

___ Domestic	___ Irrigation	___ Livestock	___ Test
___ Public Water Supply	___ Heat Pump/AC Supply	___ Industrial	___ Other WATER QUALITY
X Monitor	___ Class V, Heat Pump/AC Return	___ Class I Injection Well	

5. Application for:
   - X New Construction
   - ___ Repair/Modify
   - ___ Abandonment

6. Casing X or Liner ___ (Check One)
   - ___ Black Steel
   - ___ Galvanized
   - X PVC
   - ___ Other (Specify)
   - 2 Diameter
   - FLUSH Seal Material (Specify)

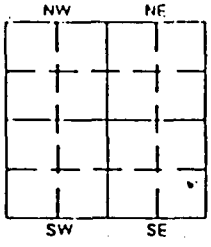
7. Method of Construction: ___ Rotary ___ Cable Tool ___ Combination X Auger ___ Other

8. SUMTER
   County — Subdivision Name — Lot — Block — Unit

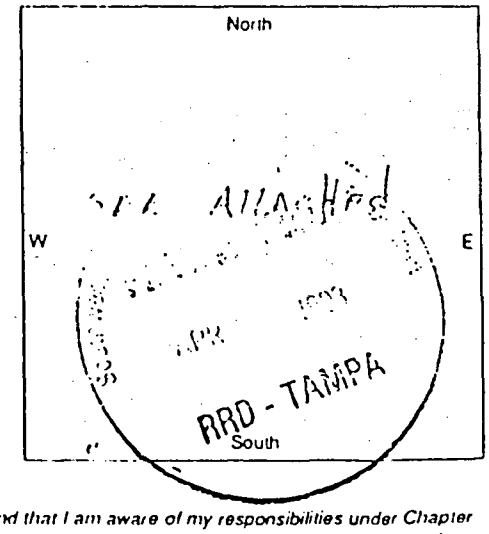
9. Quarter Quarter Section SE SW (Indicate Well in Chart)

10. Section 15 Township 20 Range 22

11. On 6-Inch wells & larger:
    Latitude — Longitude



Draw map of well location and indicate well site with an "X". Identify known roads and landmarks; provide distances between well and landmarks.



12. *I hereby certify that I will comply with the rules of Chapter 40-D 3, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling operations cease.*

   David A. Driscoll 2111
   Signature of Contractor — License No

13. *Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Water Use Permit (WUP) or WUP application?*

   Yes ___ *No* ___ *If yes, provide WUP No.* ___

I certify that I am the owner of the property, that the information provided on well location is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above.

Owner or Agent's Signature

DO NOT WRITE BELOW THIS LINE—FOR OFFICIAL USE ONLY

Granted by: [illegible] Title: [illegible] Date: 4/8/93

Owner Number: ___ Fee Received $: 200.00 Receipt No 4613 Check No.: 1642

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OF SWFWMD(R). IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS.

SF 306 (3) REV 4/90

DRILLING CONTRACTOR COPY - 1

BETTER BUSINESS FORMS
Tampa FL - (813) 223-2568

MW # 8

Form No. 25-18-9/92

Please complete in black ink or type

WELL COMPLETION REPORT

Owner's Name Sumter Co. Board of Co. Comm.

Permit Number 536694.01

4-14-93
Water Well Contractor's Signature — Completion Date

License No. 9089

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Ft.)	To (Ft.)
P.V.C. Scr	2"	36'	41'
P.V.C. Cas	2"	+2'	36'

Neat Cement: No. of Bags	From (Ft.)	To (Ft.)
17 Bags	0'	31'
2x2-6" Pad W/st-up cover		

IRON: ____ppm SULFATE: ____ppm CHLORIDES: ____ppm
FINISH: Screen: .010/5' (Ft.) Open Hole: ____(Ft.)

WELL LOCATION:

County Sumter

Qtr: S-E Qtr: S-E Sec: 15 Twp: 20 Rge: 22

WELL USE

Public ____ Irrigation ____ 17-524 ____
Domestic ____ Monitor 5 W/a Other ____

DRILL METHOD

[ ] Rotary [ ] Cable Tool [ ] Jet [X] Auger Other ____
Measured Static Water Level ____ + ____ - ____ Ft.
Measured Pumping Water Level ____ + ____ - ____ Ft.
After ____ Hours At ____ G.P.M.
Measuring Pt. (Describe): Ground Surface
Which is 34' Ft. [ ] Above [X] Below Land Surface

Depth (Ft.) From	To	Examine cutting at 20ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.
0		Gry tan. Fi SA.
	24'	
24		Brn - Sandy Cly
	34'	
34	36	soft Gry Lime st.
36	41	Gry L.S.

I certify that the information provided in this report is accurate and true.

Driller's Name: Glen G Cole

BBF BETTER BUSINESS FORMS Tampa FL - (813) 223-2568

MW #9

Form No. 25-18-9/92

Please complete in black ink or type

WELL COMPLETION REPORT

Owner's Name Sumter Co. Board of Co. Comm.

Permit Number 53669.02

X _____ 4-14-93

Water Well Contractor's Signature — Completion Date

License No. 7088

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Ft.)	To (Ft.)
P.V.C. Scr.	2"	41	46
P.V.C. Cas	2"	+2'	41

Neat Cement: No. of Bags	From (Ft.)	To (Ft.)
9 Bags	0'	34'
2 x 2-6" Pay w/ st-up cost		

IRON: ____ppm SULFATE: ____ppm CHLORIDES: ____ppm

FINISH: Screen: .010 / 5' (Ft.) Open Hole: _____(Ft.)

WELL LOCATION:

County Sumter

Qtr: S.E. Qtr: S.E. Sec: 15 Twp: 20 Rge: 22

WELL USE

Public _____ Irrigation _____ 17-524 _____

Domestic _____ Monitor D / W/Q Other _____

DRILL METHOD

[ ] Rotary [ ] Cable Tool [ ] Jet [X] Auger Other _____

Measured Static Water Level _____ + _____ - _____ Ft

Measured Pumping Water Level _____ + _____ - _____ Ft

After _____ Hours At _____ G.P.M.

Measuring Pt. (Describe): _____

Which is 36 Ft. [ ] Above [X] Below Land Surface

Depth (Ft.) From	To	Examine cutting at 20ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.
0		Gry fine F. Sd.
	26	
26		Brn - Sandy Clay
	32	
32		
	37	Soft Gry L.S.
37		Gry L.S.
	46	

I certify that the information provided in this report is accurate and true.

Driller's Name: Ken C. Cable

APPLICATION TO CONSTRUCT, REPAIR, MODIFY OR ABANDON A WELL

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

2379 Broad St., Brooksville, Florida 34609-6899, (904) 796-7211

Permit No. ( ) .

Stipulations Required

17-524 Well

WUP Application No

Owner Number

ABOVE THIS LINE - FOR OFFICIAL USE ONLY

1. Sumter Co. B.of C.C. 222 E McCollum Ave Bushnell FLA 33513
Owner, Legal Name of Entity If Corporation — Address — Zip — Telephone Number

2. Co. Landfill, C.R. 527, Sumterville FLA 33585
Well Location: Address, Road Name or Number

3. American Drilling Inc 7 8 93 — 2069
Drilling Contractor — Date — License No.

1811 N. 12th St. Tampa FLA 33549
Address — City — State — Zip Code

4. Number of Wells: 1 . *Check the Use of the Well:*

____ Domestic	____ Irrigation	____ Livestock	____ Test
____ Public Water Supply	____ Heat Pump/AC Supply	____ Industrial	____ Other ____
X Monitor	____ Class V, Heat Pump/AC Return	____ Class I Injection Well	

5. Application for:
____ New Construction
____ Repair/Modify
X Abandonment

6. Casing X or Liner ____ (Check One)
____ Black Steel — X PVC — 2" Diameter
____ Galvanized — ____ Other (Specify) — Neat Cement Seal Material (Specify)

7. Method of Construction: ____ Rotary ____ Cable Tool ____ Combination ____ Auger ____ Other

8. Sumter
County — Subdivision Name — Lot — Block — Unit

9. Quarter Quarter Section SE SE (Indicate Well in Chart)

10. Section 15 Township 20 Range 22

11. On 6-Inch wells & larger:

____ Latitude ____ Longitude

NW NE SW SE

Draw map of well location and indicate well site with an "X". Identify known roads and landmarks; provide distances between well and landmarks.

North W E South

SEE ATTACHED ... TAMPA

12. *I hereby certify that I will comply with the rules of Chapter 40-D-3, Florida Administrative Code, and that a water use permit or artificial recharge permit, if needed, has or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling operations cease.*

[signature] — 2069
Signature of Contractor — License No.

13. *Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Water Use Permit (WUP) or WUP application?*

Yes ____ *No* ____ *If yes, provide WUP No.* ____

I certify that I am the owner of the property, that the information provided on well location is accurate, and that I am aware of my responsibilities under Chapter 373, Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner, that the information provided is accurate, and that I have informed the owner of his responsibilities as stated above.

[signature]
Owner or Agent's Signature

DO NOT WRITE BELOW THIS LINE—FOR OFFICIAL USE ONLY.

Granted by: [signature] Title: [illegible] Date: 7/8/93

Owner Number: ____ Fee Received $: ____ Receipt No ____ Check No.: ____

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OF SWFWMD(R). IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS.

SF 306 (3) REV 4/90

DRILLING CONTRACTOR COPY — 1

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL ABANDONMENT INSPECTION REPORT

Abandonment Permit No. 536691.01 Section 15 Township 20 Range 22

Drilling Contractor American Drilling, Inc License No. 9088

Address of Well: Street Co. Landfill - CR. 529

County Sumter City Sumterville Zip 33585

Property Owner Sumter Co. B.C.C. CUP No.

WELL SPECIFICATIONS

T.D. of Well 30'

Casing: Diameter 2" Depth

Material - Black Steel, Galv. Steel, PVC, Other

Is well information verified by driller's log? Yes, No (Explain in Comments)

GROUT SPECIFICATIONS AND INSPECTION

Date	4-13-93		
Time arrived at site	9:15		
Grout interval	30' to 0'		
*Estimated No. of 94 lb. sacks or yds. of cement	.6 bag		
Time grout started	9:40		
Time grout completed	10:05		
Actual No. of 94 lb. sacks or yds. of cement (specify type of cement)	Type I. 1.5 bags		
Gallons of water per 94 lb. sack or yds. of cement	5.5		
**Special grout additives, type, amount	None		
Grout method (see terms on back of page)	Tremie		
Time departed site	10:05		

*Estimate before grouting begins (see back of page for grout tables).
**See Bentonite Table on back of page.

COMMENTS

Desired return to surface was observed.

Attach a Field Investigation Report for unsatisfactory work.

Drillers Signature Steve L. Lee-Jr Date 4-13-93

Observers Signature Carl Kelly Date 4-13-93

Work satisfactorily completed in accordance with Chapter 17-21. F.A.C.

Supervisors Signature Date
(Not official unless signed by SWFWMD Supervisor)

DRILLER COPY

Form No. 25-18-9/92

Please complete in black ink or type

WELL COMPLETION REPORT

Owner's Name Sumter Co. BOCC.

Permit Number 536691.01

X _____ 9-13-93
Water Well Contractor's Signature — Completion Date

License No. 9088

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Ft.)	To (Ft.)
P.V.C. SCR	2"	25'	30'
P.V.C. CAS	2"	0'	25'

Neat Cement: No. of Bags	From (Ft.)	To (Ft.)
1.5 bags	0'	30'

IRON:____ppm SULFATE:____ppm CHLORIDES:____ppm
FINISH: Screen:_____(Ft.) Open Hole:_____(Ft.)

WELL LOCATION:

County Sumter
Qtr: S.W. Qtr: S.E. Sec: 15 Twp: 20 Rge: 22

WELL USE

Public_____ Irrigation_____ 17-524_____
Domestic_____ Monitor & W/Qu. Other_____

DRILL METHOD

[ ] Rotary [ ] Cable Tool [ ] Jet [ ] Auger Other trimmy
Measured Static Water Level _____+_____-_____F
Measured Pumping Water Level_____+_____-_____F
After_____ Hours At_____G.P.M.
Measuring Pt. (Describe): Ground surface
Which is_____Ft. [ ] Above [X] Below Land Surface

Depth (Ft.) From	To	Examine cutting at 20ft. or smaller intervals and at changes. Give color, grain-size and type of material. Note any cavities. Indicate producing zones. Attach additional sheets if necessary.
0'		" "
"	"	ABANDON
	30'	

I certify that the information provided in this report is accurate and true.
Driller's Name: Dave L. Volle

GROUNDWATER MONITORING
PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

APPENDIX C
NEW MONITORING WELLS
SAMPLING RESULTS

Springstead Engineering, inc.

LEESBURG, FLORIDA

MAY 25, 1994
921100.000

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

GMS# 4060C00092
Monitoring Well 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.84 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
000010	TEMPERATURE	GRAB	-----	24.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	639	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.00300	mg/ℓ	UNFILTERED	HNO_3
	ARSENIC	GRAB	EPA 206.3	<0.000500	mg/ℓ	UNFILTERED	HNO_3
	BARIUM	GRAB	EPA 200.7	0.0146	mg/ℓ	UNFILTERED	HNO_3
	BERYLLIUM	GRAB	EPA 210.1	0.000620	mg/ℓ	UNFILTERED	HNO_3
001027	CADMIUM	GRAB	EPA 200.7	2.40	µg/ℓ	UNFILTERED	HNO_3
001034	CHROMIUM	GRAB	EPA 200.7	1.55	µg/ℓ	UNFILTERED	HNO_3
	CYANIDE	GRAB	EPA 335.2	0.00583	mg/ℓ	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.0500	mg/ℓ	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00280	mg/ℓ	UNFILTERED	HNO_3
	MERCURY	GRAB	EPA 245.1	<0.000200	mg/ℓ	UNFILTERED	HNO_3
	NICKEL	GRAB	EPA 200.7	0.0103	mg/ℓ	UNFILTERED	HNO_3
000620	NITRATE	GRAB	EPA 353.1	1.70	mg/ℓ	UNFILTERED	H_2SO_4
	NITRITE	GRAB	EPA 354.1	0.0398	mg/ℓ	UNFILTERED	H_2SO_4
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	1.70	mg/ℓ	UNFILTERED	H_2SO_4
	SELENIUM	GRAB	EPA 270.3	<0.000500	mg/ℓ	UNFILTERED	HNO_3
000929	SODIUM	GRAB	EPA 200.7	8.45	mg/ℓ	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.00100	mg/ℓ	UNFILTERED	HNO_3
039175	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
-----	PARA-DICHLO-ROBENZENE	GRAB	EPA 502.2	<0.500	µg/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# 4060C00092
Monitoring Well 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.84 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
-----	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034506	1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	TOLUENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/ℓ	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/ℓ	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/ℓ	UNFILTERED	NONE
	CHLORDANE	GRAB	EPA 508	<0.01	µg/ℓ	UNFILTERED	NONE
	DIBROMOCHLO-ROPROPANE	GRAB	EPA 504	<0.02	µg/ℓ	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/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# 4060C00092
Monitoring Well 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.84 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	ENDRIN	GRAB	EPA 508	<0.001	µg/ℓ	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/ℓ	UNFILTERED	NONE
	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/ℓ	UNFILTERED	NONE
	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/ℓ	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/ℓ	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/ℓ	UNFILTERED	NONE
	POLYCHLOR-INATED BIPHENYL (PCB)	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	PENTACHLORO-PHENOL	GRAB	EPA 515	0.0689	µg/ℓ	UNFILTERED	NONE
	TOXAPHENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/ℓ	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/ℓ	UNFILTERED	NONE
	DI(2-ETHYL-HEXYL) PHTHA-LATE	GRAB	EPA 606	<0.6	µg/ℓ	UNFILTERED	NONE
	DI(2-ETHYL-HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/ℓ	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/ℓ	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/ℓ	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	µg/ℓ	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/ℓ	UNFILTERED	NONE
	HEXACHLORO-BENZENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	HEXACHLORO-CYCLO-PENTADIENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	µg/ℓ	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/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# 4060C00092
Monitoring Well 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.84 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	PICLORAM	GRAB	EPA 515	<0.07	µg/ℓ	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/ℓ	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	0.907	mg/ℓ	UNFILTERED	HNO_3
	CHLORIDE	GRAB	EPA 325.3	14.2	mg/ℓ	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00310	mg/ℓ	UNFILTERED	HNO_3
	FLUORIDE	GRAB	EPA 340.1	<0.0500	mg/ℓ	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/ℓ	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.900	mg/ℓ	UNFILTERED	HNO_3
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	pH	GRAB	EPA 150.1	7.17	ST.UN.	UNFILTERED	HNO_3
	SILVER	GRAB	EPA 200.7	<0.000200	mg/ℓ	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.74	mg/ℓ	UNFILTERED	HNO_3
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	306	mg/ℓ	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	760	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00690	mg/ℓ	UNFILTERED	HNO_3
	AMMONIUM	GRAB	EPA 350.1	0.322	mg/ℓ	UNFILTERED	H_2SO_4

*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# 4060C00092
Monitoring Well 4060A17009
Well Name MONITOR WELL 9
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
000010	TEMPERATURE	GRAB	-----	26.6	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	695	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.00300	mg/ℓ	UNFILTERED	HNO_3
	ARSENIC	GRAB	EPA 206.3	<0.000500	mg/ℓ	UNFILTERED	HNO_3
	BARIUM	GRAB	EPA 200.7	0.0143	mg/ℓ	UNFILTERED	HNO_3
	BERYLLIUM	GRAB	EPA 210.1	0.000780	mg/ℓ	UNFILTERED	HNO_3
001027	CADMIUM	GRAB	EPA 200.7	<0.100	µg/ℓ	UNFILTERED	HNO_3
001034	CHROMIUM	GRAB	EPA 200.7	4.60	µg/ℓ	UNFILTERED	HNO_3
	CYANIDE	GRAB	EPA 335.2	<0.00500	mg/ℓ	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.124	mg/ℓ	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00120	mg/ℓ	UNFILTERED	HNO_3
	MERCURY	GRAB	EPA 245.1	0.002646	mg/ℓ	UNFILTERED	HNO_3
	NICKEL	GRAB	EPA 200.7	0.0104	mg/ℓ	UNFILTERED	HNO_3
000620	NITRATE	GRAB	EPA 353.1	0.620	mg/ℓ	UNFILTERED	H_2SO_4
	NITRITE	GRAB	EPA 354.1	0.0488	mg/ℓ	UNFILTERED	H_2SO_4
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.669	mg/ℓ	UNFILTERED	H_2SO_4
	SELENIUM	GRAB	EPA 270.3	0.000743	mg/ℓ	UNFILTERED	HNO_3
000929	SODIUM	GRAB	EPA 200.7	6.65	mg/ℓ	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.00100	mg/ℓ	UNFILTERED	HNO_3
039175	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
-----	PARA-DICHLO-ROBENZENE	GRAB	EPA 502.2	<0.500	µg/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)

160C00092
n: Well 4060A17009
ıe: MONITOR WELL 9
cation of Groundwater G-II

eloped Prior to
collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.12 ft.

PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
STYRENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
TOLUENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/ℓ	UNFILTERED	NONE
ALACHLOR	GRAB	EPA 505	<0.2	µg/ℓ	UNFILTERED	NONE
ATRAZINE	GRAB	EPA 505	<0.1	µg/ℓ	UNFILTERED	NONE
CARBOFURAN	GRAB	EPA 531	<0.9	µg/ℓ	UNFILTERED	NONE
CHLORDANE	GRAB	EPA 508	<0.01	µg/ℓ	UNFILTERED	NONE
DIBROMOCHLO-ROPROPANE	GRAB	EPA 504	<0.02	µg/ℓ	UNFILTERED	NONE
2,4-D	GRAB	EPA 515	<0.05	µg/ℓ	UNFILTERED	NONE

evelopment is the process of pumping the well prior to sampling in order to obtain a
ıtative ground water sample.
17-1.216(2)
January 1, 1983

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

GMS# 4060C00092
Monitoring Well 4060A17009
Well Name MONITOR WELL 9
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	ENDRIN	GRAB	EPA 508	<0.001	µg/ℓ	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/ℓ	UNFILTERED	NONE
	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/ℓ	UNFILTERED	NONE
	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/ℓ	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/ℓ	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/ℓ	UNFILTERED	NONE
	POLYCHLOR-INATED BIPHENYL (PCB)	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	PENTACHLORO-PHENOL	GRAB	EPA 515	<0.04	µg/ℓ	UNFILTERED	NONE
	TOXAPHENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/ℓ	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/ℓ	UNFILTERED	NONE
	DI(2-ETHYL-HEXYL)PHTHA-LATE	GRAB	EPA 606	<0.6	µg/ℓ	UNFILTERED	NONE
	DI(2-ETHYL-HEXYL)ADIPATE	GRAB	EPA 506	<0.6	µg/ℓ	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/ℓ	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/ℓ	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	µg/ℓ	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/ℓ	UNFILTERED	NONE
	HEXACHLORO-BENZENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	HEXACHLORO-CYCLO-PENTADIENE	GRAB	EPA 508	<0.1	µg/ℓ	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	µg/ℓ	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/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# 4060C00092
Monitoring Well 4060A17009
Well Name MONITOR WELL 9
Classification of Groundwater G-II

Well Developed* Prior to
Sample Collection (Yes/No) YES

Sample Date 6-22-93
Well Type (X) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	PICLORAM	GRAB	EPA 515	<0.07	µg/ℓ	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/ℓ	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	0.340	mg/ℓ	UNFILTERED	HNO_3
	CHLORIDE	GRAB	EPA 325.3	14.7	mg/ℓ	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	20.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00320	mg/ℓ	UNFILTERED	HNO_3
	FLUORIDE	GRAB	EPA 340.1	0.124	mg/ℓ	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/ℓ	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.419	mg/ℓ	UNFILTERED	HNO_3
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	pH	GRAB	EPA 150.1	7.23	ST.UN.	UNFILTERED	HNO_3
	SILVER	GRAB	EPA 200.7	<0.000200	mg/ℓ	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	1.00	mg/ℓ	UNFILTERED	HNO_3
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	344	mg/ℓ	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	1880	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0181	mg/ℓ	UNFILTERED	HNO_3
	AMMONIUM	GRAB	EPA 350.1	0.0586	mg/ℓ	UNFILTERED	H_2SO_4

*Well development is the process of pumping the well prior to sampling in order to obtain a representative ground water sample.

GROUNDWATER MONITORING
PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

APPENDIX D
ANALYTICAL LABORATORY RESULTS

Springstead Engineering, inc.

LEESBURG, FLORIDA

MAY 25, 1994
921100.000

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jun24 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 601 602
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7060-7067

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7060 MW1	7061 MW2	7062 MW4	7063 MW5	7064 MW6A
Dilution_Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	99.2	1.30	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	99.4	3.04	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	97.6	2.02	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	99.9	1.53	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	106.	1.63	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	97.3	1.54	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00	97.1	1.99	<1.00	<1.00	<1.00	<1.00	<1.00
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	97.9	1.63	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	98.3	2.16	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	97.3	2.05	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	99.9	1.02	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	ug/L	1.00	97.3	1.44	<1.00	<1.00	<1.00	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	97.2	1.04	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	96.8	13.5	<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	97.1	2.34	<1.00	<1.00	<1.00	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	110.	1.43	<2.00	<2.00	<2.00	<2.00	<2.00
1,2-dichloroethene	ug/L	1.00	104.	2.12	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	97.8	1.69	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	98.1	1.48	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	105.	4.26	<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	ug/L	3.00	108.	1.18	<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	ug/L	5.00			<5.00	<5.00	<5.00	<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00	<2.00	<2.00	<2.00

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

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jun24 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 601 602
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7060-7067

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7065 MW7	7066 MW8	7067 MW9
Dilution_Factor		-	-	-	1.00	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	99.2	1.30	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	99.4	3.04	<1.00	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	97.6	2.02	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	99.9	1.53	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	106.	1.63	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	97.3	1.54	<1.00	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00	97.1	1.99	<1.00	<1.00	<1.00
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	97.9	1.63	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	98.3	2.16	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	97.3	2.05	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	99.9	1.02	<1.00	<1.00	<1.00
Chloroform	ug/L	1.00	97.3	1.44	<1.00	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	97.2	1.04	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	96.8	13.5	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	97.1	2.34	<1.00	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	110.	1.43	<2.00	<2.00	<2.00
1,2-dichloroethene	ug/L	1.00	104.	2.12	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	97.8	1.69	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	98.1	1.48	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	105.	4.26	<1.00	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00	<5.00
Chloroethane	ug/L	3.00	108.	1.18	<3.00	<3.00	<3.00
Chloromethane	ug/L	5.00			<5.00	<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00	<2.00

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

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

Jefferson L. Flowe
Jefferson S. Flowe
481 NEWBUR
P.O. BOX 1
ALTAMONTE SP
FLORIDA 3271
BUS: (407) 33
FAX: (407) 26

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jun24 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 601 602
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7060-7067

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7060 MW1	7061 MW2	7062 MW4	7063 MW5	7064 MW6A
Vinyl chloride	ug/L	0.500			<0.500	<0.500	<0.500	<0.500	<0.500
Hall_Spike	ug/L	0.500	107.	1.42	102.	102.	103.	94.9	103.
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500	<0.500	<0.500	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	95.8	1.80	<0.500	<0.500	<0.500	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500	<0.500	<0.500	<0.500	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500	<0.500	<0.500	<0.500	<0.500
Xylene	ug/L	0.500	89.0	3.22	<0.500	<0.500	<0.500	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	93.7	1.41	<0.500	<0.500	<0.500	<0.500	<0.500
Total_BTEX	ug/L	0.500	89.6	3.22	<0.500	<0.500	<0.500	<0.500	<0.500
PID_Spike	ug/L	0.500	102.	3.00	102.	101.	102.	91.4	99.6

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

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
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FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jun24 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: 601 602
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7060-7067

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7065 MW7	7066 MW8	7067 MW9
Vinyl chloride	ug/L	0.500			<0.500	<0.500	<0.500
Hall_Spike	ug/L	0.500	107.	1.42	102.	94.5	103.
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	95.8	1.80	<0.500	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500	<0.500	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500	<0.500	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500	<0.500	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500	<0.500	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500	<0.500	<0.500
Xylene	ug/L	0.500	89.0	3.22	<0.500	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	93.7	1.41	<0.500	<0.500	<0.500
Total_BTEX	ug/L	0.500	89.6	3.22	<0.500	<0.500	<0.500
PID_Spike	ug/L	0.500	102.	3.00	98.8	89.4	97.7

Data Release Authorization
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Jefferson S. Flowers, Ph.d.
President/Technical Director

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

FLOWERS

CHEMICAL LABORATORIES INCORPORATED

ANALYTICAL & CONSULTING CHEMISTS

CHAIN OF CUSTODY RECORD

Attn: Jim

CLIENT	ADDRESS	PHONE
Springstead Engineers	727 So. 14th ST. Leesburg, FL 32748	(904) 787-1414
PROJECT NAME: Sumter Co Landfill	REQUIRED: ☐ Urgent ☒ Routine	DATE 6/22/93

Sample Containers QTY	Preservative: HNO3	H2SO4	HCl	Na2S2O3	Zn(C2H3O2)/NaOH	NaOH/AscAcid	Plastic Containers: 60mL	125mL	250mL	500mL	1L	2L	Whirl-Pak Bag	Glass Containers: 40mL Vial	250mL	500mL	1L	2L	4L	NOTES:
18														X						

Kit Relinquished:	Date: Time:	Kit Received:	Date: Time:

9 – Parameters: 601/602 $106.31 @ (first of another Chain of Custody)

Laboratory Number	Client Identification/Description
7060	MW-1
7061	MW-2
7062	MW-4
7063	MW-5
7064	MW-2A
7065	MW-7
7066	MW-8
7067	MW-9

These are to be appended to Chain of Custody form attached

		Date	Time
Sample Collection:	[signature]	6/22/93	1:00
Transportation:			
Lab Acceptance:	[signature]	6-23-93	9:00

Page _____ of _____

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.

481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

CHEM
LABORA
INCORPO

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
Ammonia(as N)	mg/L	0.0100	118.	2.30	0.230	0.0794	0.0521	0.266	0.103
Dilution_Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	110.	.650	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	108.	6.43	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	114.	1.75	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	94.1	3.55	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	103.	.420	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	114.	5.40	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	96.7	3.27	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethene	ug/L	1.00	105.	9.41	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	105.	3.31	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	118.	2.06	<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	95.5	4.15	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	104.	1.84	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	ug/L	1.00	109.	4.39	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroethane	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	ug/L	1.00	99.8	3.20	<1.00	<1.00	<1.00	<1.00	<1.00
Chloromethane	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	112.	1.94	<1.00	<1.00	<1.00	<1.00	<1.00
Dichlorodifluorometh	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	111.	2.39	<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	98.1	3.07	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	111.	.610	<1.00	<1.00	<1.00	<1.00	<1.00

Data Release Authorization
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Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
Ammonia(as N)	mg/L	0.0100	118.	2.30	0.0659	0.322	0.0586
Dilution_Factor		-	-	-	1.00	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	110.	.650	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	108.	6.43	<1.00	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	114.	1.75	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	94.1	3.55	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	103.	.420	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	114.	5.40	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	96.7	3.27	<1.00	<1.00	<1.00
1,2-dichloroethene	ug/L	1.00	105.	9.41	<1.00	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00			<1.00	<1.00	<1.00
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	105.	3.31	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	118.	2.06	<1.00	<1.00	<1.00
Bromomethane	ug/L	1.00			<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	95.5	4.15	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	104.	1.84	<1.00	<1.00	<1.00
Chlorobenzene	ug/L	1.00	109.	4.39	<1.00	<1.00	<1.00
Chloroethane	ug/L	1.00			<1.00	<1.00	<1.00
Chloroform	ug/L	1.00	99.8	3.20	<1.00	<1.00	<1.00
Chloromethane	ug/L	1.00			<1.00	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	112.	1.94	<1.00	<1.00	<1.00
Dichlorodifluorometh	ug/L	1.00			<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	111.	2.39	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	98.1	3.07	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	111.	.610	<1.00	<1.00	<1.00

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Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
Trichlorofluorometha	ug/L	1.00	111.	8.86	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	104.	.500	<1.00	<1.00	<1.00	<1.00	<1.00
Vinyl chloride	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	114.	.350	<1.00	<1.00	<1.00	<1.00	<1.00
m-dichlorobenzene	ug/L	1.00	110.	2.68	<1.00	<1.00	<1.00	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	112.	1.14	<1.00	<1.00	<1.00	<1.00	<1.00
Benzene	ug/L	1.00	101.	3.04	<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	ug/L	1.00	106.	5.18	<1.00	<1.00	<1.00	<1.00	<1.00
Styrene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	ug/L	1.00	101.	4.50	<1.00	<1.00	<1.00	<1.00	<1.00
Xylene	ug/L	1.00	111.	.920	<1.00	<1.00	<1.00	<1.00	<1.00
Acrolein	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Acrylonitrile	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Methyl-tert-butyleth	ug/L	1.00	103.	2.58	<1.00	<1.00	<1.00	<1.00	<1.00
Surrogate_Spike1	ug/L	1.00	102.	1.32	48.3	47.5	41.2	40.4	41.5
Surrogate_Spike2	ug/L	1.00	108.	1.44	51.7	51.6	47.7	45.1	45.6
Surrogate_Spike3	ug/L	1.00			-	-	-	-	-
-		-	-	-	-	-	-	-	-
Surr_Spike(AE)	ug/L	1.00			-	-	-	-	-
2-Nitrophenol	ug/L	1.00	123.	6.24	<1.00	<1.00	<1.00	<1.00	<1.00
4-Chloro-3-methylphe	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
2,4,6-trichloropheno	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
2,4-Dichlorophenol	ug/L	1.00	107.	10.3	<1.00	<1.00	<1.00	<1.00	<1.00
2,4-Dimethylphenol	ug/L	1.00	108.	5.50	<1.00	<1.00	<1.00	<1.00	<1.00
2,4-Dinitrophenol	ug/L	1.00	97.4	10.2	<1.00	<1.00	<1.00	<1.00	<1.00
2-chlorophenol	ug/L	1.00	114.	3.51	<1.00	<1.00	<1.00	<1.00	<1.00

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SCDHEC Number : 96019

For: Organic Inorganic Discount
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REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
Trichlorofluorometha	ug/L	1.00	111.	8.86	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	104.	.500	<1.00	<1.00	<1.00
Vinyl chloride	ug/L	1.00			<1.00	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	114.	.350	<1.00	<1.00	<1.00
m-dichlorobenzene	ug/L	1.00	110.	2.68	<1.00	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	112.	1.14	<1.00	<1.00	<1.00
Benzene	ug/L	1.00	101.	3.04	<1.00	<1.00	<1.00
Ethylbenzene	ug/L	1.00	106.	5.18	<1.00	<1.00	<1.00
Styrene	ug/L	1.00			<1.00	<1.00	<1.00
Toluene	ug/L	1.00	101.	4.50	<1.00	<1.00	<1.00
Xylene	ug/L	1.00	111.	.920	<1.00	<1.00	<1.00
Acrolein	ug/L	1.00			<1.00	<1.00	<1.00
Acrylonitrile	ug/L	1.00			<1.00	<1.00	<1.00
Methyl-tert-butyleth	ug/L	1.00	103.	2.58	<1.00	<1.00	<1.00
Surrogate_Spike1	ug/L	1.00	102.	1.32	46.2	46.1	45.5
Surrogate_Spike2	ug/L	1.00	108.	1.44	49.9	53.9	53.0
Surrogate_Spike3	ug/L	1.00			-	-	-
-		-	-	-	-	-	-
Surr_Spike(AE)	ug/L	1.00			-	-	-
2-Nitrophenol	ug/L	1.00	123.	6.24	<1.00	<1.00	<1.00
4-Chloro-3-methylphe	ug/L	1.00			<1.00	<1.00	<1.00
2,4,6-trichloropheno	ug/L	1.00			<1.00	<1.00	<1.00
2,4-Dichlorophenol	ug/L	1.00	107.	10.3	<1.00	<1.00	<1.00
2,4-Dimethylphenol	ug/L	1.00	108.	5.50	<1.00	<1.00	<1.00
2,4-Dinitrophenol	ug/L	1.00	97.4	10.2	<1.00	<1.00	<1.00
2-chlorophenol	ug/L	1.00	114.	3.51	<1.00	<1.00	<1.00

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For: Organic Inorganic Discount
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REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
2-methyl-4,6-dinitop	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
4-Nitrophenol	ug/L	1.00	99.2	1.03	<1.00	<1.00	<1.00	<1.00	<1.00
Pentachlorophenol	ug/L	1.00	87.0	10.7	<1.00	<1.00	<1.00	<1.00	<1.00
Phenol	ug/L	1.00	116.	1.86	<1.00	<1.00	<1.00	<1.00	<1.00
3,3'-Dichlrbenzidene	ug/L	1.00	94.8	17.9	<1.00	<1.00	<1.00	<1.00	<1.00
Benzidene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Diphenlhydrazine	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Bis(2-ethylhexyl)pht	ug/L	1.00	105.	3.58	<1.00	<1.00	<1.00	<1.00	<1.00
Butyl benzyl phthala	ug/L	1.00	105.	3.26	<1.00	<1.00	<1.00	<1.00	<1.00
Di-n-butylphthalate	ug/L	1.00	106.	1.94	<1.00	<1.00	<1.00	<1.00	<1.00
Diethylphthalate	ug/L	1.00	106.	10.7	<1.00	<1.00	<1.00	<1.00	<1.00
Dimethylphthalate	ug/L	1.00	110.	1.90	<1.00	<1.00	<1.00	<1.00	<1.00
Dioctylphthalate	ug/L	1.00	102.	2.24	<1.00	<1.00	<1.00	<1.00	<1.00
N-Nitrsdimethylamine	ug/L	1.00	106.	1.23	<1.00	<1.00	<1.00	<1.00	<1.00
N-Nitrsdiphenylamine	ug/L	1.00	111.	1.19	<1.00	<1.00	<1.00	<1.00	<1.00
N-Ntrsdi-n-prpylmine	ug/L	1.00	113.	1.05	<1.00	<1.00	<1.00	<1.00	<1.00
4,4'-DDD	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
4,4'-DDE	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
4,4'-DDT	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
a-BHC	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Aldrin	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
b-BHC	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Chlordane	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
d-BHC	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Dieldrin	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Endosulfan_I	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100

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REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
2-methyl-4,6-dinitop	ug/L	1.00			<1.00	<1.00	<1.00
4-Nitrophenol	ug/L	1.00	99.2	1.03	<1.00	<1.00	<1.00
Pentachlorophenol	ug/L	1.00	87.0	10.7	<1.00	<1.00	<1.00
Phenol	ug/L	1.00	116.	1.86	<1.00	<1.00	<1.00
3,3'-Dichlrbenzidene	ug/L	1.00	94.8	17.9	<1.00	<1.00	<1.00
Benzidene	ug/L	1.00			<1.00	<1.00	<1.00
1,2-Diphenlhydrazine	ug/L	1.00			<1.00	<1.00	<1.00
Bis(2-ethylhexyl)pht	ug/L	1.00	105.	3.58	<1.00	<1.00	<1.00
Butyl benzyl phthala	ug/L	1.00	105.	3.26	<1.00	<1.00	<1.00
Di-n-butylphthalate	ug/L	1.00	106.	1.94	<1.00	<1.00	<1.00
Diethylphthalate	ug/L	1.00	106.	10.7	<1.00	<1.00	<1.00
Dimethylphthalate	ug/L	1.00	110.	1.90	<1.00	<1.00	<1.00
Dioctylphthalate	ug/L	1.00	102.	2.24	<1.00	<1.00	<1.00
N-Nitrsdimethylamine	ug/L	1.00	106.	1.23	<1.00	<1.00	<1.00
N-Nitrsdiphenylamine	ug/L	1.00	111.	1.19	<1.00	<1.00	<1.00
N-Ntrsdi-n-prpylmine	ug/L	1.00	113.	1.05	<1.00	<1.00	<1.00
4,4'-DDD	ug/L	0.100			<0.100	<0.100	<0.100
4,4'-DDE	ug/L	0.100			<0.100	<0.100	<0.100
4,4'-DDT	ug/L	0.100			<0.100	<0.100	<0.100
a-BHC	ug/L	0.100			<0.100	<0.100	<0.100
Aldrin	ug/L	0.100			<0.100	<0.100	<0.100
b-BHC	ug/L	0.100			<0.100	<0.100	<0.100
Chlordane	ug/L	0.100			<0.100	<0.100	<0.100
d-BHC	ug/L	0.100			<0.100	<0.100	<0.100
Dieldrin	ug/L	0.100			<0.100	<0.100	<0.100
Endosulfan_I	ug/L	0.100			<0.100	<0.100	<0.100

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FLOWERS
CHEMICAL LABORATORIES INCORPORATED

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
Endosulfan_II	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Endosulfan_sulfate	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Endrin	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Endrin_Aldehyde	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
g-BHC	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Heptachlor	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
Heptachlor_Epoxide	ug/L	0.100			<0.100	<0.100	<0.100	<0.100	<0.100
PCB_1016	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1221	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1232	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1242	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1248	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1254	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
PCB_1260	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Toxaphene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
2,4-dinitrotoluene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
2,6-Dinitrotoluene	ug/L	1.00	114.	.690	<1.00	<1.00	<1.00	<1.00	<1.00
Isophorone	ug/L	1.00	103.	1.24	<1.00	<1.00	<1.00	<1.00	<1.00
Nitrobenzene	ug/L	1.00	102.	2.55	<1.00	<1.00	<1.00	<1.00	<1.00
Acenaphthylene	ug/L	1.00	111.	.050	<1.00	<1.00	<1.00	<1.00	<1.00
Acenaphthene	ug/L	1.00	113.	2.46	<1.00	<1.00	<1.00	<1.00	<1.00
Anthracene	ug/L	1.00	106.	.870	<1.00	<1.00	<1.00	<1.00	<1.00
Benzo(a)anthracene	ug/L	1.00	110.	6.21	<1.00	<1.00	<1.00	<1.00	<1.00
Benzo(a)pyrene	ug/L	1.00	92.6	16.8	<1.00	<1.00	<1.00	<1.00	<1.00
Benzo(b)fluoranthene	ug/L	1.00	127.	.590	<1.00	<1.00	<1.00	<1.00	<1.00
Benzo(g,h,i)perylene	ug/L	1.00	102.	.130	<1.00	<1.00	<1.00	<1.00	<1.00

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Andrew B. Harrison
Laboratory Manager

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FLORIDA 32715-0597
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FAX: (407) 260-6110

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
Endosulfan_II	ug/L	0.100			<0.100	<0.100	<0.100
Endosulfan_sulfate	ug/L	0.100			<0.100	<0.100	<0.100
Endrin	ug/L	0.100			<0.100	<0.100	<0.100
Endrin_Aldehyde	ug/L	0.100			<0.100	<0.100	<0.100
g-BHC	ug/L	0.100			<0.100	<0.100	<0.100
Heptachlor	ug/L	0.100			<0.100	<0.100	<0.100
Heptachlor_Epoxide	ug/L	0.100			<0.100	<0.100	<0.100
PCB_1016	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1221	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1232	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1242	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1248	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1254	ug/L	1.00			<1.00	<1.00	<1.00
PCB_1260	ug/L	1.00			<1.00	<1.00	<1.00
Toxaphene	ug/L	1.00			<1.00	<1.00	<1.00
2,4-dinitrotoluene	ug/L	1.00			<1.00	<1.00	<1.00
2,6-Dinitrotoluene	ug/L	1.00	114.	.690	<1.00	<1.00	<1.00
Isophorone	ug/L	1.00	103.	1.24	<1.00	<1.00	<1.00
Nitrobenzene	ug/L	1.00	102.	2.55	<1.00	<1.00	<1.00
Acenaphthylene	ug/L	1.00	111.	.050	<1.00	<1.00	<1.00
Acenaphthene	ug/L	1.00	113.	2.46	<1.00	<1.00	<1.00
Anthracene	ug/L	1.00	106.	.870	<1.00	<1.00	<1.00
Benzo(a)anthracene	ug/L	1.00	110.	6.21	<1.00	<1.00	<1.00
Benzo(a)pyrene	ug/L	1.00	92.6	16.8	<1.00	<1.00	<1.00
Benzo(b)fluoranthene	ug/L	1.00	127.	.590	<1.00	<1.00	<1.00
Benzo(g,h,i)perylene	ug/L	1.00	102.	.130	<1.00	<1.00	<1.00

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
Benzo(k)fluoranthene	ug/L	1.00	127.	.670	<1.00	<1.00	<1.00	<1.00	<1.00
Chrysene	ug/L	1.00	87.6	7.75	<1.00	<1.00	<1.00	<1.00	<1.00
Dibnz(a,h)anthracene	ug/L	1.00	98.2	10.7	<1.00	<1.00	<1.00	<1.00	<1.00
Fluoranthene	ug/L	1.00	110.	2.18	<1.00	<1.00	<1.00	<1.00	<1.00
Fluorene	ug/L	1.00	113.	2.03	<1.00	<1.00	<1.00	<1.00	<1.00
Indn(1,2,3-cd)pyrene	ug/L	1.00	112.	7.99	<1.00	<1.00	<1.00	<1.00	<1.00
Naphthalene	ug/L	1.00	108.	2.55	<1.00	<1.00	<1.00	<1.00	<1.00
1-methyl-Naphthalene	ug/L	1.00	114.	1.14	<1.00	<1.00	<1.00	<1.00	<1.00
2-methyl-Naphthalene	ug/L	1.00	111.	1.09	<1.00	<1.00	<1.00	<1.00	<1.00
Phenanthrene	ug/L	1.00	113.	.930	<1.00	<1.00	<1.00	<1.00	<1.00
Pyrene	ug/L	1.00	110.	2.97	<1.00	<1.00	<1.00	<1.00	<1.00
Surr_Spike(2FBP)	ug/L	1.00	113.	.930	111.	88.3	32.9	34.3	50.9
4-Brmphnl_phnylether	ug/L	1.00	109.	.590	<1.00	<1.00	<1.00	<1.00	<1.00
4-Chlrphnlphnylether	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
B(2-chlrethox)methan	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
B(2-chlrisprop)ether	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
b(2-chlorethyl)ether	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
1,2,4-trichlorobenze	ug/L	1.00	118.	1.13	<1.00	<1.00	<1.00	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	117.	.450	<1.00	<1.00	<1.00	<1.00	<1.00
m-dichlorobenzene	ug/L	1.00	110.	.050	<1.00	<1.00	<1.00	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	109.	3.48	<1.00	<1.00	<1.00	<1.00	<1.00
2-Chloronapthalene	ug/L	1.00	113.	.170	<1.00	<1.00	<1.00	<1.00	<1.00
Hexachlorobenzene	ug/L	1.00	106.	3.51	<1.00	<1.00	<1.00	<1.00	<1.00
Hexachlorobutadiene	ug/L	1.00	107.	2.81	<1.00	<1.00	<1.00	<1.00	<1.00
Hexachloroethane	ug/L	1.00	111.	1.87	<1.00	<1.00	<1.00	<1.00	<1.00
Hexachlorocyclopenta	ug/L	1.00	90.6	13.4	<1.00	<1.00	<1.00	<1.00	<1.00

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Laboratory Manager

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Received From:
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Leesburg,FL 32748

Date Reported : Jul 8 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
Benzo(k)fluoranthene	ug/L	1.00	127.	.670	<1.00	<1.00	<1.00
Chrysene	ug/L	1.00	87.6	7.75	<1.00	<1.00	<1.00
Dibnz(a,h)anthracene	ug/L	1.00	98.2	10.7	<1.00	<1.00	<1.00
Fluoranthene	ug/L	1.00	110.	2.18	<1.00	<1.00	<1.00
Fluorene	ug/L	1.00	113.	2.03	<1.00	<1.00	<1.00
Indn(1,2,3-cd)pyrene	ug/L	1.00	112.	7.99	<1.00	<1.00	<1.00
Naphthalene	ug/L	1.00	108.	2.55	<1.00	<1.00	<1.00
1-methyl-Naphthalene	ug/L	1.00	114.	1.14	<1.00	<1.00	<1.00
2-methyl-Naphthalene	ug/L	1.00	111.	1.09	<1.00	<1.00	<1.00
Phenanthrene	ug/L	1.00	113.	.930	<1.00	<1.00	<1.00
Pyrene	ug/L	1.00	110.	2.97	<1.00	<1.00	<1.00
Surr_Spike(2FBP)	ug/L	1.00	113.	.930	92.6	81.4	83.1
4-Brmphnl_phnylether	ug/L	1.00	109.	.590	<1.00	<1.00	<1.00
4-Chlrphnlphnylether	ug/L	1.00			<1.00	<1.00	<1.00
B(2-chlrethox)methan	ug/L	1.00			<1.00	<1.00	<1.00
B(2-chlrisprop)ether	ug/L	1.00			<1.00	<1.00	<1.00
b(2-chlorethyl)ether	ug/L	1.00			<1.00	<1.00	<1.00
1,2,4-trichlorobenze	ug/L	1.00	118.	1.13	<1.00	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	117.	.450	<1.00	<1.00	<1.00
m-dichlorobenzene	ug/L	1.00	110.	.050	<1.00	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	109.	3.48	<1.00	<1.00	<1.00
2-Chloronapthalene	ug/L	1.00	113.	.170	<1.00	<1.00	<1.00
Hexachlorobenzene	ug/L	1.00	106.	3.51	<1.00	<1.00	<1.00
Hexachlorobutadiene	ug/L	1.00	107.	2.81	<1.00	<1.00	<1.00
Hexachloroethane	ug/L	1.00	111.	1.87	<1.00	<1.00	<1.00
Hexachlorocyclopenta	ug/L	1.00	90.6	13.4	<1.00	<1.00	<1.00

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For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7068 MW1	7069 MW2	7070 MW4	7071 MW5	7072 MW6A
Surr_Spike(DBBP)	ug/L	1.00	107.	3.38	124.	105.	109.	107.	110.

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For: Organic Inorganic Discount
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 7068-7075

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	7073 MW7	7074 MW8	7075 MW9
Surr_Spike(DBBP)	ug/L	1.00	107.	3.38	114.	113.	105.

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FLOWER

CHEMICAL LABORATORIES INCORPORATED

P# Sumter Co. Landfill

ANALYTICAL & CONSULTING CHEMISTS
CHAIN OF CUSTODY RECORD
~~DRINKING WATER 17-550~~

FDER Lab # E83013
FDHRS Lab # 83133
NCDEHNR Lab # 29
SCDHEC Lab # 9601

Attn.: Jim Dunaway

(1) Client	(2) Address	(3) Phone
Springstead Eng.	727 So. 14th St. Leesburg, FL 32748	(904) 787-1414

(4) Public Drinking Water ID #	(5) Public Water System Name:
(6) Project # Landfill Sumter Co.	(8) Public Water System Type
(7) PO #	( ) Community ( ) Non-Community ( ) Special Non-Community

per well	Total	Preservative: HNO3	ZnOAc/NaOH	H2SO4	Plastic Containers: 60ml	125ml	250ml	500ml	1L Clear	Whirl-Pac Bag	Glass Containers: 10ml	250ml	500ml	1L Amber	2L	4L
(16) 6	54										X					
1	9													X		
1	9								X							
1	9	X							X							
1	9	X						X								
1	9		X					X								
1	9			X			X									
1	9															X

NOTES:

(12) Turn Around Time:
10 Working Days: ____
5 Working Days: ____
3 Working Days: ____
1 Working Day : ____
Other: ____

~~624/625~~ 624/625

NH_3

PP METALS Included in Inc. Primaries (93) Secondaries (7)

(17) Kit Relinquished:	(17) Date 6/23/93	(9) Kit Received	(9) Date
SCDHEC / Flowers Chem. Lab.	(17) Time		(9) Time

Parameters: Turbidity X; Prim. Inorganic w/o asbestos X; Asbestos ____; Prim. Organic: Trihalomethane X;
Volatile Organic Compounds X; Pesticides & PCB's X; Radiological X; Secondary Standards X;
Unregulated Organic Contaminants: Group I ____; Group II ____;

$2727.50

(18) Laboratory Number	(11) Client Sample Identification
7068 ~~18200~~	#1 MW-1
7069 ~~18201~~	#2 MW-2
7070 ~~18202~~	#3 MW-4
7071 ~~18203~~	#4 MW-5
7072 ~~18204~~	#5 MW-6A
7073 ~~18205~~	#6 MW-7 ——> pw D.S. 6/24
7074 ~~18206~~	#7 MW-8
7075 ~~18207~~	#8 MW-9
	#9
	#10

		Date	Time
(13) Collectors Signature:		6/22/93	1:20 pm
(14) Transporters Signature:			
(15) Lab Acceptance By:		6/23/93	0900

Over for numbered instructions

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW1
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18200
Turbidity	NTU	0.0500	99.8	1.24	590.
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.0159
Cadmium	mg/L	0.000100	105.	1.15	0.00330
Chromium	mg/L	0.000200	98.7	.080	0.00340
Cyanide	mg/L	0.00500	103.	.000	0.0215
Fluoride	mg/L	0.0500	99.3	.840	0.0629
Lead	mg/L	0.00100	109.	2.65	<0.00100
Mercury	mg/L	0.000200	109.	5.54	0.000576
Nickel	mg/L	0.000400	91.8	1.12	0.00400
Total Nitrate+Nitrit	mg/L	0.0100			3.00
Nitrate(as N)	mg/L	0.0100	106.	.170	2.80
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.204
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	3.50
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000840
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Received From:
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727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW2
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18201
Turbidity	NTU	0.0500	99.8	1.24	65.0
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.0141
Cadmium	mg/L	0.000100	105.	1.15	0.00160
Chromium	mg/L	0.000200	98.7	.080	0.00450
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	<0.0500
Lead	mg/L	0.00100	109.	2.65	0.00130
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.00790
Total Nitrate+Nitrit	mg/L	0.0100			6.23
Nitrate(as N)	mg/L	0.0100	106.	.170	6.23
Nitrite(as N)	mg/L	0.0100	100.	1.07	<0.0100
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	6.31
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000550
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

Data Release Authorization
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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW4
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18202
Turbidity	NTU	0.0500	99.8	1.24	78.0
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.0104
Cadmium	mg/L	0.000100	105.	1.15	0.00150
Chromium	mg/L	0.000200	98.7	.080	0.00300
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	0.0640
Lead	mg/L	0.00100	109.	2.65	<0.00100
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.00860
Total Nitrate+Nitrit	mg/L	0.0100			2.66
Nitrate(as N)	mg/L	0.0100	106.	.170	2.63
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0296
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	5.31
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000240
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW5
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18203
Turbidity	NTU	0.0500	99.8	1.24	36.0
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.00230
Cadmium	mg/L	0.000100	105.	1.15	0.00280
Chromium	mg/L	0.000200	98.7	.080	0.00290
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	<0.0500
Lead	mg/L	0.00100	109.	2.65	0.00100
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.00660
Total Nitrate+Nitrit	mg/L	0.0100			0.203
Nitrate(as N)	mg/L	0.0100	106.	.170	0.190
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0131
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	5.72
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	<0.000200
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW6A
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18204
Turbidity	NTU	0.0500	99.8	1.24	300.
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.00670
Cadmium	mg/L	0.000100	105.	1.15	0.00100
Chromium	mg/L	0.000200	98.7	.080	0.00920
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	<0.0500
Lead	mg/L	0.00100	109.	2.65	<0.00100
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.00880
Total Nitrate+Nitrit	mg/L	0.0100			5.07
Nitrate(as N)	mg/L	0.0100	106.	.170	5.06
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0121
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	3.52
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000270
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW7
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18205
Turbidity	NTU	0.0500	99.8	1.24	470.
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.00940
Cadmium	mg/L	0.000100	105.	1.15	0.00240
Chromium	mg/L	0.000200	98.7	.080	0.0115
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	<0.0500
Lead	mg/L	0.00100	109.	2.65	<0.00100
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.00750
Total Nitrate+Nitrit	mg/L	0.0100			4.44
Nitrate(as N)	mg/L	0.0100	106.	.170	4.42
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0158
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	3.84
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000530
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW8
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18206
Turbidity	NTU	0.0500	99.8	1.24	760.
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.0146
Cadmium	mg/L	0.000100	105.	1.15	0.00240
Chromium	mg/L	0.000200	98.7	.080	0.0155
Cyanide	mg/L	0.00500	103.	.000	0.00583
Fluoride	mg/L	0.0500	99.3	.840	<0.0500
Lead	mg/L	0.00100	109.	2.65	0.00280
Mercury	mg/L	0.000200	109.	5.54	<0.000200
Nickel	mg/L	0.000400	91.8	1.12	0.0103
Total Nitrate+Nitrit	mg/L	0.0100			1.74
Nitrate(as N)	mg/L	0.0100	106.	.170	1.70
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0398
Selenium	mg/L	0.000500	111.	5.47	<0.000500
Sodium	mg/L	0.00100	110.	4.38	8.45
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000620
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW9
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18207
Turbidity	NTU	0.0500	99.8	1.24	1880
Arsenic	mg/L	0.000500	104.	1.27	<0.000500
Barium	mg/L	0.0000600	98.3	.700	0.0143
Cadmium	mg/L	0.000100	105.	1.15	<0.000100
Chromium	mg/L	0.000200	98.7	.080	0.00460
Cyanide	mg/L	0.00500	103.	.000	<0.00500
Fluoride	mg/L	0.0500	99.3	.840	0.124
Lead	mg/L	0.00100	109.	2.65	0.00120
Mercury	mg/L	0.000200	109.	5.54	0.00264
Nickel	mg/L	0.000400	91.8	1.12	0.0104
Total Nitrate+Nitrit	mg/L	0.0100			0.669
Nitrate(as N)	mg/L	0.0100	106.	.170	0.620
Nitrite(as N)	mg/L	0.0100	100.	1.07	0.0488
Selenium	mg/L	0.000500	111.	5.47	0.000743
Sodium	mg/L	0.00100	110.	4.38	6.65
Antimony	mg/L	0.00300	110.	3.93	<0.00300
Beryllium	mg/L	0.000200	83.9	.610	0.000780
Thallium	mg/L	0.00100	100.	2.61	<0.00100
Asbestos	MFL	1.00			-
TTHM	mg/L	0.00100	97.7	1.56	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylenes (total)	ug/L	0.500			<0.500
Methylene chloride	ug/L	0.500	96.8	13.5	<0.500
o-dichlorobenzene	ug/L	0.500	95.8	1.34	<0.500
para-dichlorobenzene	ug/L	0.500	95.9	2.06	<0.500

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW1
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18200
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
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FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW2
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18201
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

Data Release Authorization
Sample integrity and reliability certified by Lab personnel prior to analysis.
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Received From:
Springstead Engr.
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Leesburg,FL 32748

Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW4
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18202
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW5
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18203
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW6A
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18204
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW7
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18205
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW8
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18206
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW9
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18207
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	106.	1.63	<0.500
trans-1,2-dichloroet	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.500			<0.500
1,1,1-trichloroethan	ug/L	0.500	99.2	1.30	<0.500
Carbon tetrachloride	ug/L	0.500	99.9	1.02	<0.500
1,2-dichloropropane	ug/L	0.500	97.1	1.99	<0.500
Trichloroethene	ug/L	0.500	97.8	1.69	<0.500
1,1,2-trichloroethan	ug/L	0.500	97.6	2.02	<0.500
Tetrachloroethene	ug/L	0.500	98.1	1.48	<0.500
Chlorobenzene	ug/L	0.500	96.0	1.14	<0.500
Benzene	ug/L	0.500	91.6	3.07	<0.500
Toluene	ug/L	0.500	90.1	3.27	<0.500
Ethylbenzene	ug/L	0.500	88.8	3.32	<0.500
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	120.	.700	<0.00100
Lindane	ug/L	0.00100	117.	6.79	<0.00100
Methoxychlor	ug/L	0.0100			<0.0100
Toxaphene	ug/L	0.100	102.	2.77	<0.100
Dalapon	ug/L	0.00100	89.4	.940	<0.00100
Diquat	ug/L	0.400	104.	6.62	<0.400
Endothall	ug/L	9.00	81.7	21.0	<9.00
Glyphosate	ug/L	0.600	91.8	2.28	<0.600
Di(2-ethylhexyl) adi	ug/L	0.600			<0.600
Oxamyl (Vydate)	ug/L	2.00	101.	5.75	<2.00
Simazine	ug/L	0.0700	86.5	22.0	<0.0700

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW1
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18200
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	1.99
Chloride	mg/L	0.0150	103.	1.24	5.23
Copper	mg/L	0.000200	104.	.530	0.0110
Fluoride	mg/L	0.0500			0.0629
Iron	mg/L	0.000200	100.	.310	0.154
Manganese	mg/L	0.0000400	104.	.400	0.0476
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	1.00

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW2
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18201
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.495
Chloride	mg/L	0.0150	103.	1.24	6.36
Copper	mg/L	0.000200	104.	.530	0.00300
Fluoride	mg/L	0.0500			<0.0500
Iron	mg/L	0.000200	100.	.310	0.177
Manganese	mg/L	0.0000400	104.	.400	0.198
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	9.06

Data Release Authorization
Sample integrity and reliability certified by Lab personnel prior to analysis.
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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW4
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18202
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.405
Chloride	mg/L	0.0150	103.	1.24	6.38
Copper	mg/L	0.000200	104.	.530	0.00200
Fluoride	mg/L	0.0500			0.0640
Iron	mg/L	0.000200	100.	.310	0.253
Manganese	mg/L	0.0000400	104.	.400	0.0243
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	1.87

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW5
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18203
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.154
Chloride	mg/L	0.0150	103.	1.24	8.61
Copper	mg/L	0.000200	104.	.530	0.0203
Fluoride	mg/L	0.0500			<0.0500
Iron	mg/L	0.000200	100.	.310	1.12
Manganese	mg/L	0.0000400	104.	.400	0.163
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	13.6

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW6A
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18204
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.546
Chloride	mg/L	0.0150	103.	1.24	8.68
Copper	mg/L	0.000200	104.	.530	0.00190
Fluoride	mg/L	0.0500			<0.0500
Iron	mg/L	0.000200	100.	.310	0.138
Manganese	mg/L	0.0000400	104.	.400	0.0176
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	2.93

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW7
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18205
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.497
Chloride	mg/L	0.0150	103.	1.24	8.64
Copper	mg/L	0.000200	104.	.530	0.00210
Fluoride	mg/L	0.0500			<0.0500
Iron	mg/L	0.000200	100.	.310	0.230
Manganese	mg/L	0.0000400	104.	.400	0.0218
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	1.00

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW8
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18206
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	0.0689
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.907
Chloride	mg/L	0.0150	103.	1.24	14.2
Copper	mg/L	0.000200	104.	.530	0.00310
Fluoride	mg/L	0.0500			<0.0500
Iron	mg/L	0.000200	100.	.310	0.900
Manganese	mg/L	0.0000400	104.	.400	0.0520
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	2.74

Data Release Authorization
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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW9
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18207
Picloram	ug/L	0.0700	88.8	1.20	<0.0700
Dinoseb	ug/L	0.0100	106.	8.29	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.0	14.0	<0.100
Carbofuran	ug/L	0.900	101.	4.63	<0.900
Atrazine	ug/L	0.100	89.8	16.1	<0.100
Alachlor (Lasso)	ug/L	0.200	116.	19.6	<0.200
Heptachlor	ug/L	0.00500	127.	3.91	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	116.	8.77	<0.00500
2,4-D	ug/L	0.0500	110.	1.54	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	113.	1.25	<0.0200
Hexachlorobenzene	ug/L	0.100			<0.100
Bis(2-ethylhexyl)pht	ug/L	0.600	105.	3.58	<0.600
Benzo(a)pyrene	ug/L	0.0200	94.8	2.91	<0.0200
Pentachlorophenol	ug/L	0.0400	110.	6.43	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0200	80.2	4.03	<0.0200
Ethylene dibromide	ug/L	0.00500	96.4	1.06	<0.00500
Chlordane	ug/L	0.0100			<0.0100
Aluminum	mg/L	0.00200	119.	4.28	0.340
Chloride	mg/L	0.0150	103.	1.24	14.7
Copper	mg/L	0.000200	104.	.530	0.00320
Fluoride	mg/L	0.0500			0.124
Iron	mg/L	0.000200	100.	.310	0.419
Manganese	mg/L	0.0000400	104.	.400	0.0682
Silver	mg/L	0.000200	95.8	.550	<0.000200
Sulfate	mg/L	0.200	87.8	.090	1.00

Data Release Authorization

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW1
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18200
Zinc	mg/L	0.000100	105.	.140	0.0137
Color (color units)	mg/L	5.00			80.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	8.32
TDS	mg/L	2.50	95.5	3.64	154.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			61.9
Analysis_Error(Ga)	pCi/L	0.100			12.7
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW2
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18201
Zinc	mg/L	0.000100	105.	.140	0.00550
Color (color units)	mg/L	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	6.53
TDS	mg/L	2.50	95.5	3.64	276.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			3.50
Analysis_Error(Ga)	pCi/L	0.100			6.00
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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Leesburg,FL 32748

Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW4
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18202
Zinc	mg/L	0.000100	105.	.140	0.00710
Color (color units)	mg/L	5.00			10.0
Odor (total odor num	TON	1.00			2.00
pH	pH	0.0100	100.	.250.	7.17
TDS	mg/L	2.50	95.5	3.64	300.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			14.0
Analysis_Error(Ga)	pCi/L	0.100			6.40
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW5
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18203
Zinc	mg/L	0.000100	105.	.140	0.0117
Color (color units)	mg/L	5.00			10.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	8.63
TDS	mg/L	2.50	95.5	3.64	86.0
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			18.4
Analysis_Error(Ga)	pCi/L	0.100			10.9
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW6A
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18204
Zinc	mg/L	0.000100	105.	.140	0.00240
Color (color units)	mg/L	5.00			10.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	7.83
TDS	mg/L	2.50	95.5	3.64	162.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			<1.00
Analysis_Error(Ga)	pCi/L	0.100			<0.100
Photon emitters	pCi/L	1.00			<1.00
Analysis_Error(Photo	pCi/L	1.00			<1.00
Radium 226	pCi/L	1.00			<1.00
Analysis_Error(226)	pCi/L	0.100			<0.100
Radium 228	pCi/L	1.00			<1.00
Analysis_Error(228)	pCi/L	1.00			<1.00
Gross_Beta	pCi/L	3.00			<3.00
Analysis_Error(Gb)	pCi/L	1.00			<1.00
Man-made beta & phot	pCi/L	1.00			<1.00
Analysis_Error(beta	pCi/L	1.00			<1.00
Tritium	pCi/L	1.00			<1.00
Analysis_Error(Triti	pCi/L	1.00			<1.00
Strontium-89	pCi/L	1.00			<1.00
Analysis_Error(89)	pCi/L	1.00			<1.00
Strontium-90	pCi/L	1.00			<1.00
Analysis_Error(90)	pCi/L	1.00			<1.00
Iodine-131	pCi/L	1.00			<1.00
Analysis_Error(131)	pCi/L	1.00			<1.00

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW7
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18205
Zinc	mg/L	0.000100	105.	.140	0.00730
Color (color units)	mg/L	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	7.93
TDS	mg/L	2.50	95.5	3.64	<2.50
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			3.80
Analysis_Error(Ga)	pCi/L	0.100			11.6
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW8
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18206
Zinc	mg/L	0.000100	105.	.140	0.00690
Color (color units)	mg/L	5.00			10.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	7.07
TDS	mg/L	2.50	95.5	3.64	306.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			67.2
Analysis_Error(Ga)	pCi/L	0.100			117.
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA. Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW9
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18207
Zinc	mg/L	0.000100	105.	.140	0.0181
Color (color units)	mg/L	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.250	7.15
TDS	mg/L	2.50	95.5	3.64	344.
Foaming_Agents	mg/L	0.100	99.5	.010	<0.100
Gross alpha excl. Ra	pCi/L	1.00			87.0
Analysis_Error(Ga)	pCi/L	0.100			65.3
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo	pCi/L	1.00			-
Radium 226	pCi/L	1.00			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	1.00			-
Analysis_Error(228)	pCi/L	1.00			-
Gross_Beta	pCi/L	3.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW1
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18200
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW2
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18201
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW4
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18202
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW5
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18203
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW6A
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18204
Cesium-134	pCi/L	1.00			<1.00
Analysis_Error(134)	pCi/L	1.00			<1.00

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW7
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18205
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW8
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18206
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

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

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481 NEWBURYPORT
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FLORIDA 32715-0597
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FAX: (407) 260-6110

Received From:
Springstead Engr.
727 S.14th St.
Leesburg,FL 32748

Date Reported : Jul26 1993
Project Number : Sumter Co
PO Number : Landfill
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: MW9
Date Sampled:Jun22 1993 Date Received:Jun23 1993 Lab Numbers: 18200-18207

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	18207
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

Data Release Authorization
Sample integrity and reliability certified by Lab personnel prior to analysis.
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FLOWERS

CHEMICAL LABORATORIES INCORPORATED

P# Sumter Co. Landfill

ANALYTICAL & CONSULTING CHEMISTS
CHAIN OF CUSTODY RECORD
~~DRINKING WATER 17-550~~

FDER Lab # E83018
FDHRS Lab # 83139
NCDEHNR Lab # 296
SCDHEC Lab # 96019

Attn.: Jim Dunaway

(1) Client	(2) Address	(3) Phone
Springstead Eng	727 So. 14th St. Leesburg, FL 32748	(904) 787-1414
(4) Public Drinking Water ID #	(5) Public Water System Name:	
(6) Project # Landfill Sumter Co.	(8) Public Water System Type	
(7) PO #	( ) Community ( ) Non-Community ( ) Special Non-Community	

per well	Total	Preservative: HNO3	Preservative: ZnOAC/NaOH	Preservative: H_2SO_4	Plastic Containers: 60ml	125ml	250ml	500ml	1L Clear	Whirl-Pac Bag	Glass Containers: 10ml	250ml	500ml	1L	2L	4L
(16) 6	54										X					
1	9													X		
1	9								X							
1	9	X							X							
1	9	X						X								
1	9		X					X								
1	9			X			X									
1	9															X

NOTES:

(12) Turn Around Time:
10 Working Days: ____
5 Working Days: ____
3 Working Days: ____
1 Working Day : ____
Other: ____

~~Total~~ 624/625

NH_3

PP METALS (included in Inorg.)
Primaries (93)
Secondaries (93)

(17) Kit Relinquished:	(17) Date 6/22/93	(9) Kit Received	(9) Date
CRM / Flowers Chem. Lab.	(17) Time		(9) Time

Parameters: Turbidity X; Prim. Inorganic w/o asbestos X; Asbestos ___; Prim. Organic: Trihalomethane X;
Volatile Organic Compounds X; Pesticides & PCB's X; Radiological X; Secondary Standards X;
Unregulated Organic Contaminants: Group I ___; Group II ___;

$2727.50 ea

(18) Laboratory Number		(11) Client Sample Identification
18200	#1	MW-1
18201	#2	MW-2
18202	#3	MW-4
18203	#4	MW-5
18204	#5	MW-6A
18205	#6	MW-7 → pa D.S. 6/23 RL
18206	#7	MW-8
18207	#8	MW-9
	#9	
	#10	

		Date	Time
(13) Collectors Signature:		6/22/93	1:00 pm
(14) Transporters Signature:			
(15) Lab Acceptance By:		6/23/93	0900

Over for numbered instructions.

FORM #1

GROUNDWATER MONITORING
PLAN EVALUATION

AT

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY
SUMTER COUNTY, FLORIDA

APPENDIX E
SPREADSHEET LISTING OF SELECTED PARAMETERS

Springstead Engineering, inc.

LEESBURG, FLORIDA

MAY 25, 1994
921100.000

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

ALUMINUM mg/L MCL = 0.2 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	1.99	0.50	0.41	0.15	0.55	0.50	0.91	0.34
10-26-93	2.98	0.89	0.83		1.16	0.92	0.92	4.13
01-27-94	2.49	0.64	12.70		1.49	1.01	0.95	19.70

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

AMMONIUM mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	0.23	0.08	0.05	0.10	0.10	0.07	0.32	0.06
10-26-93	0.20	0.34	0.43		0.13	0.13	0.08	0.15
01-27-94	0.08	0.39	0.86		0.03	0.06	0.04	0.04

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CADMIUM ug/L MCL = 5 ug/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	3.30	1.60	1.50	2.80	1.00	2.40	2.40	<0.1
10-26-93	3.10	1.80	2.10		0.50	1.90	1.20	12.60
01-27-94	2.50	1.40	3.30		0.90	1.40	2.40	13.40

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CHLORIDE mg/L MCL = 250 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	5.23	6.36	6.38	8.61	8.68	8.64	14.20	14.70
10-26-93	7.95	152.00	28.00		17.30	17.00	25.00	26.20
01-27-94	4.27	325.30	13.80		8.86	7.89	12.20	14.90

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CHROMIUM ug/L MCL = 100 ug/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	3.4	4.5	3.0	2.9	9.2	1.2	1.6	4.6
10-26-93	10.3	9.5	3.5		7.8	8.9	8.7	17.6
01-27-94	6.5	6.7	4.3		6.0	5.7	6.5	11.6

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

COLOR PTU MCL = 15 PTU

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	80	20	10	10	10	20	10	20
10-26-93	80	65	75		52	80	90	420
01-27-94	300	80	300		70	40	20	200

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

IRON mg/L MCL = 0.3 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	0.15	0.18	0.25	1.12	0.14	0.23	0.90	0.42
10-26-93	0.72	0.18	0.40		0.15	0.26	1.36	0.84
01-27-94	0.26	0.22	0.30		0.81	0.10	0.57	0.56

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

NITRATE mg/L MCL = 10 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	2.80	6.23	2.63	0.19	5.06	4.42	1.70	0.62
10-26-93	3.29	7.35	4.24		4.72	5.69	2.85	1.68
01-27-94	2.87	0.48	3.14		5.22	5.31	1.97	0.07

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

pH pH UNITS Min pH 6.5, Max pH 8.5 @ collection point

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	8.34	6.69	7.34	8.18	8.15	7.96	7.17	7.23
10-26-93	8.45	6.47	7.13		7.86	7.63	7.13	7.14
01-27-94	8.72	6.40	7.13		8.05	7.41	7.30	6.92

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SODIUM mg/L MCL = 150 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	3.50	6.31	5.31	5.72	3.52	3.84	8.45	6.65
10-26-93	3.34	32.50	8.15		3.30	3.76	6.82	7.92
01-27-94	3.50	167.00	11.50		3.38	4.00	7.26	30.50

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SPECIFIC CONDUCTANCE umhos

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	83	365	614	150	274	338	639	695
10-26-93	89	527	415		170	229	404	468
01-27-94	75	747	310		134	190	285	438

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SULFATE mg/l MCL = 250 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	1.0	9.1	1.9	13.6	2.9	1.0	2.7	1.0
10-26-93	128.0	22.1	21.2		13.6	8.5	11.3	55.3
01-27-94	48.7	33.0	10.2		1.9	<1	<1	17.7

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TOTAL DISSOLVED SOLIDS mg/L MCL = 500 mg/L

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	154	276	300	86	162	3	306	344
10-26-93	236	544	332		156	196	306	550
01-27-94	154	922	314		170	240	290	496

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TEMPERATURE DEGREES CENTIGRADE

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	25.2	24.5	26.7	23.9	24.3	24.1	24.8	26.6
10-26-93	24.5	22.8	23.3		22.0	22.9	22.4	23.8
01-27-94	23.1	22.5	25.3		25.1	23.6	22.6	23.2

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TURBIDITY NTU MCL = 1 NTU

DATE	MW1	MW2	MW4	MW5	MW6A	MW7	MW8	MW9
06-22-93	590	65	78	36	300	470	760	1,880
10-26-93	500	39	81		163	185	210	550
01-27-94	255	55	440		100	96	51	260