

# Central Testing Laboratory

Engineering and Materials Testing



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QUARTERLY GROUNDWATER MONITORING REPORT  
SUMTER COUNTY SOLID WASTE  
MANAGEMENT FACILITY  
SUMTERVILLE, SUMTER COUNTY, FLORIDA

4060C00092

0020

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SEP 21 1998

Solid Waste Section

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

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

- (1) Facility Name Sumter County Solid Waste Management Facility  
 Address 319 E. Anderson Avenue  
 City Bushnell Zip 33513  
 Telephone Number ( 352 ) 793-0240
- (2) The GMS Identification Number 4060C00092
- (3) DEP Permit Number 22926-002-SF
- (4) Authorized Representative Name Garry Breedon  
 Address 319 E. Anderson Avenue  
 City Bushnell Zip 33513  
 Telephone Number ( 352 ) 793-0240
- (5) Type of Discharge \_\_\_\_\_
- (6) Method of Discharge Groundwater Slow Rate Infiltration

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date: 9-3-98 \_\_\_\_\_  
 Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

- Sample Organization Comp QAP # 92011G
- Analytical Lab Comp QAP #/HRS Certification # 860008G  
 \*Comp QAP #/HRS Certification # E83018 & 83139
- Lab Name Flowers Chemical Laboratory
- Address 481 Newburyport Avenue Altamonte Springs, FL 32701
- Phone Number ( 407 ) 339-5984

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

GMS# 4060C00092  
Monitoring Well 4060A12054  
Well Name MONITOR WELL 1  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type ( ) Background  
( ) Site Boundary  
(x) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 44.17 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.3	pC	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	98	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.0000622	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00526	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000255	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.000200	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.00161	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0251	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000304	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	0.000500	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.000606	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	2.80	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0116	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	2.8116	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000568	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	4.70	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	.321	mg/p	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	3.34	mg/p	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	35.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00237	mg/p	UNFILTERED	HNO <sub>3</sub>

\*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 4060A12054  
Well Name MONITOR WELL 1  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type ( ) Background  
( ) Site Boundary  
(x) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 44.17 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	<del>FLUORIDE</del>	GRAB	EPA 340.1	<del>0.0251</del>	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.290	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.0143	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.62	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	<0.00005	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.24	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	118	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	18.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00530	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	10.5	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	1.40	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	0.500	pCi/p	UNFILTERED	HNO

950/  
1150/

\*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# 406000092  
Monitoring Well 4060A12055  
Well Name MONITOR WELL 2  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 44.39 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	19.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	403	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000345	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0197	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.00137	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00130	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0139	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0861	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00243	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00504	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	.946	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0253	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	.9713	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000369	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	14.1	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	0.663	mg/p	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	11.9	mg/p	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00766	mg/p	UNFILTERED	HNO <sub>3</sub>

\*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# 406000092

Sample Date 07-14-98

Monitoring Well 4060A12055

Well Type (x) Background

Well Name MONITOR WELL 2

( ) Site Boundary

Classification of Groundwater G-II

( ) Intermediate

( ) Compliance

Well Developed\* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 44.39 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0861	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
	MANGANESE	GRAB	EPA 200.7	0.623	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	1.25	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.84	ST. UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.00006835	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	12.4	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	216	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	140.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0180	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	18.0	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	1.60	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	1.60	pCi/p	UNFILTERED	HNO <sub>3</sub>

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092  
 Monitoring Well 4060A12057  
 Well Name MONITOR WELL 4  
 Classification of Groundwater G-II

Sample Date 07-14-98  
 Well Type ( ) Background  
 (x) Site Boundary  
 ( ) Intermediate  
 ( ) Compliance

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

Groundwater Elevation  
 (above MSL) 44.03 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	23.1	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	881	µmhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000568	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0113	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000471	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00112	µg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.00836	µg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0885	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000871	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	0.000238	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00382	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	18.5	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.130	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	18.630	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.00191	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	57.7	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	.299	mg/l	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	197.0	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00420	mg/l	UNFILTERED	HNO <sub>3</sub>

\*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 4060A12057  
Well Name MONITOR WELL 4  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type ( ) Background  
(x) Site Boundary  
( ) Intermediate  
( ) Compliance

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

Groundwater Elevation  
(above MSL) 44.03 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0885	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.238	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.0291	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.00	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.000138	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	8.14	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	532	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	53.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00942	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	35.0	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	1.70	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	0.700	pCi/p	UNFILTERED	HNO <sub>3</sub>

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Sample Date 07-14-98

Monitoring Well 4060A12057

Well Type ( ) Background

Well Name MONITOR WELL 6A

( ) Site Boundary

Classification of Groundwater G-II 3955

( ) Intermediate

(x) Compliance

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

Groundwater Elevation  
(above MSL) 44.87 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	318	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000520	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00547	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000361	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00103	mg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0179	mg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0692	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000215	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	0.000325	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00514	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	5.22	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0399	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.2599	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000830	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	5.18	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	0.698	mg/l	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	33.4	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00492	mg/l	UNFILTERED	HNO <sub>3</sub>

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

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Effective January 1, 1983

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

GMS# 4060C00092  
Monitoring Well 4060A12057  
Well Name MONITOR WELL 6A  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 44.87 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0692	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.367	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	<u>0.0345</u>	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.67	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.000190	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	5.69	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	216	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	300.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0149	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	30.0	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	<u>1.90</u>	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	<u>1.10</u>	pCi/p	UNFILTERED	HNO <sub>3</sub>

\*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 4060A14304  
 Well Name MONITOR WELL 7  
 Classification of Groundwater G-II

Sample Date 07-14-98  
 Well Type ( ) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 (x) Compliance  
 Groundwater Elevation  
 (above MSL) 44.56 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.1	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	317	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000444	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00648	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000594	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00362	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0152	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0466	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00111	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00549	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	5.63	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0144	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.6444	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000489	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	6.08	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	0.327	mg/p	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	13.9	mg/p	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00721	mg/p	UNFILTERED	HNO <sub>3</sub>

\*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 4060A14304  
 Well Name MONITOR WELL 7  
 Classification of Groundwater G-II

Sample Date 07-14-98  
 Well Type ( ) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 (x) Compliance

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

Groundwater Elevation  
 (above MSL) 44.56 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0466	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.412	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.0323	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.28	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.000146	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.02	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	244	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	220.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0703	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	3.60	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	0.600	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	0.040	pCi/p	UNFILTERED	HNO <sub>3</sub>

\*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

Sample Date 07-14-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 45.51 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.3	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	602	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000417	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00587	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	<u>0.000140</u>	mg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.00874	mg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0411	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000394	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00255	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	1.66	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0866	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	1.7466	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	<u>0.000844</u>	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	7.67	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	0.0987	mg/l	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	7.42	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	<5.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00110	mg/l	UNFILTERED	HNO <sub>3</sub>

\*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

Sample Date 07-14-98  
 Well Type  Background  
            Site Boundary  
            Intermediate  
            Compliance

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

Groundwater Elevation  
 (above MSL) 45.51 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0411	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.303	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.0268	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.87	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.0000570	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.24	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	290	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	11.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00182	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.0360	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	1.60	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 266	GRAB	EPA 903.1	1.00	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	0.300	pCi/p	UNFILTERED	HNO <sub>3</sub>

\*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 4060A17009  
Well Name MONITOR WELL 9  
Classification of Groundwater G-II

Sample Date 07-14-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 44.87 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.3	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	801	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.00118	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0245	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.00243	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.0173	µg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0301	µg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.122	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000668	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	0.00178	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.0117	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	0.121	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0218	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.1438	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.001	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	11.2	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000222	mg/l	UNFILTERED	HNO <sub>3</sub>
	ALUMINUM	GRAB	EPA 200.7	2.90	mg/l	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	33.4	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0149	mg/l	UNFILTERED	HNO <sub>3</sub>

\*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

Sample Date 07-14-98  
Well Type  Background  
 Site Boundary  
 Intermediate  
 Compliance  
Groundwater Elevation  
(above MSL) 44.87 ft.

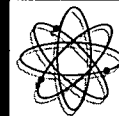
Well Developed\* Prior to  
Sample Collection (Yes/No) YES

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.122	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.624	mg/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 903.1	0.478	mg/p	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.47	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	<0.00005	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.55	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	478	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	384.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0300	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	<0.0100	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	36.0	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 226	GRAB	EPA 903.1	13.2	pCi/p	UNFILTERED	HNO <sub>3</sub>
	RADIUM 228	GRAB	EPA 904	0.900	pCi/p	UNFILTERED	HNO <sub>3</sub>

\*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



Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL1

Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

REPORT OF ANALYSIS

17977

Parameter	Unit	Method	%ACC	%PRC	17977
		Detection Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.0000622
Barium	mg/L	0.000400	107.	.520	0.00526
Cadmium	mg/L	0.000100	80.8	3.26	0.000200
Chromium	mg/L	0.000200	92.3	.610	0.00161
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0251
Lead	mg/L	0.000100	88.6	.320	0.000304
Mercury	mg/L	0.000200	102.	6.66	0.000500
Nickel	mg/L	0.000200	90.2	1.76	0.000606
Nitrate(as N)	mg/L	0.0100	75.8	.180	2.80
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.0116
Selenium	mg/L	0.000300	103.	1.47	0.000568
Sodium	mg/L	0.0100	85.0	.730	4.70
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.000255
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.321
Chloride	mg/L	0.100	101.	3.93	3.34
Copper	mg/L	0.000200	90.5	2.26	0.00237
Fluoride	mg/L	0.0100			0.0251
Iron	mg/L	0.00400	94.7	.510	0.290
Manganese	mg/L	0.000500	94.6	.010	0.0143
Silver	mg/L	0.0000500	102.	7.37	<0.0000500
Sulfate	mg/L	1.00	99.5	.000	3.24
Zinc	mg/L	0.000700	96.8	2.51	0.00530

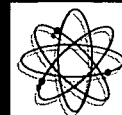
Data Release Authorization

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec.4  
Methods of analysis in accordance with FCL QA and EPA approved methodology.  
This Report may not be reproduced in part, results relate only to items tested.

Jefferson S. Flowers, Ph.D.

Serving Your Analytical and Environmental Needs Since 1957

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FAX: (407) 260-6110



Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug 11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL1  
Date Sampled: Jul 14 1998 Date Received: Jul 14 1998 Lab Numbers: 17977-17983

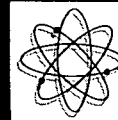
**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	17977
		Detection Limit			
Color (color units)	PCU	5.00			35.0
Odor (total odor num)	TON	1.00			<1.00
pH	pH	0.0100	102.	.940	6.53
TDS	mg/L	2.50			118.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	18.0
Gross alpha	pCi/L	0.100			10.5
Analysis Error	pCi/L	0.100			0.400
Photon emitters	pCi/L	0.100			-
Analysis_Error(Pho	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.40
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			0.500
Analysis_Error(228)	pCi/L	0.300			0.700
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			21.3
Field pH (units)	pH	0.0100			6.62
Ammonia(as N)	mg/L	0.0100	107.	22.8	<0.0100

**Data Release Authorization**

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec. 4  
Methods of analysis in accordance with FCL QA and EPA approved methodology.  
This Report may not be reproduced in part, results relate only to items tested.

*(Signature)*  
Jefferson S. Flowers, Ph.D.  
President/Technical Director



Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL2  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

REPORT OF ANALYSIS

17978

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.000345
Barium	mg/L	0.000400	107.	.520	0.0197
Cadmium	mg/L	0.000100	80.8	3.26	0.00130
Chromium	mg/L	0.000200	92.3	.610	0.0139
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0861
Lead	mg/L	0.000100	88.6	.320	0.00243
Mercury	mg/L	0.000200	102.	6.66	<0.000200
Nickel	mg/L	0.000200	90.2	1.76	0.00504
Nitrate(as N)	mg/L	0.0100	75.8	.180	0.946
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.0253
Selenium	mg/L	0.000300	103.	1.47	0.000369
Sodium	mg/L	0.0100	85.0	.730	14.1
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.00137
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.663
Chloride	mg/L	0.100	101.	3.93	11.9
Copper	mg/L	0.000200	90.5	2.26	0.00766
Fluoride	mg/L	0.0100			0.0861
Iron	mg/L	0.00400	94.7	.510	1.25
Manganese	mg/L	0.000500	94.6	.010	0.623
Silver	mg/L	0.0000500	102.	7.37	0.0000683
Sulfate	mg/L	1.00	99.5	.000	12.4
Zinc	mg/L	0.000700	96.8	2.51	0.0180

Data Release Authorization

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Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019


For: SL2  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

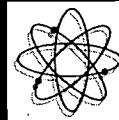
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17978
		Detection Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num)	TON	1.00			<1.00
	pH	0.0100	102.	.940	7.56
	TDS mg/L	2.50			216.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
	Turbidity NTU	0.0500	104.	.000	140.
	Gross alpha pCi/L	0.100			18.0
	Analysis Error pCi/L	0.100			0.800
	Photon emitters pCi/L	0.100			-
	Analysis_Error(Photo pCi/L	0.100			-
	Radium 226 pCi/L	0.100			1.60
	Analysis_Error(226) pCi/L	0.100			0.200
	Radium 228 pCi/L	0.300			1.60
	Analysis_Error(228) pCi/L	0.300			1.00
	Man-made beta & phot pCi/L	0.100			-
	Analysis_Error(beta pCi/L	0.100			-
	Field Temp. (C) oC	1.00			19.8
	Field pH (units) pH	0.0100			6.84
	Ammonia(as N) mg/L	0.0100	107.	22.8	<0.0100

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Date Reported : Aug 11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL4  
Date Sampled: Jul 14 1998 Date Received: Jul 14 1998 Lab Numbers: 17977-17983

REPORT OF ANALYSIS

17979

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.000568
Barium	mg/L	0.000400	107.	.520	0.0113
Cadmium	mg/L	0.000100	80.8	3.26	0.00112
Chromium	mg/L	0.000200	92.3	.610	0.00836
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0885
Lead	mg/L	0.000100	88.6	.320	0.000871
Mercury	mg/L	0.000200	102.	6.66	0.000238
Nickel	mg/L	0.000200	90.2	1.76	0.00382
Nitrate(as N)	mg/L	0.0100	75.8	.180	18.5
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.130
Selenium	mg/L	0.000300	103.	1.47	0.00191
Sodium	mg/L	0.0100	85.0	.730	57.7
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.000471
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.299
Chloride	mg/L	0.100	101.	3.93	197.
Copper	mg/L	0.000200	90.5	2.26	0.00420
Fluoride	mg/L	0.0100			0.0885
Iron	mg/L	0.00400	94.7	.510	0.238
Manganese	mg/L	0.000500	94.6	.010	0.0291
Silver	mg/L	0.0000500	102.	7.37	0.000138
Sulfate	mg/L	1.00	99.5	.000	8.14
Zinc	mg/L	0.000700	96.8	2.51	0.00942

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Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL4  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

REPORT OF ANALYSIS

17979

Parameter	Unit	Method	%ACC	%PRC	Detection Limit
Color (color units)	PCU				15.0
Odor (total odor num)	TON				<1.00
	pH	0.0100	102.	.940	7.33
	TDS mg/L				532.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	53.0
Gross alpha	pCi/L	0.100			35.0
Analysis Error	pCi/L	0.100			2.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.70
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			0.700
Analysis_Error(228)	pCi/L	0.300			0.700
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			23.1
Field pH (units)	pH	0.0100			7.00
Ammonia(as N)	mg/L	0.0100	107.	22.8	<0.0100

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Date Reported : Aug 11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL6A  
Date Sampled: Jul 14 1998 Date Received: Jul 14 1998 Lab Numbers: 17977-17983  
REPORT OF ANALYSIS

17980

Parameter	Unit	Method	%ACC	%PRC	17980
		Detection Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.000520
Barium	mg/L	0.000400	107.	.520	0.00547
Cadmium	mg/L	0.000100	80.8	3.26	0.00103
Chromium	mg/L	0.000200	92.3	.610	0.0179
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0692
Lead	mg/L	0.000100	88.6	.320	0.000215
Mercury	mg/L	0.000200	102.	6.66	0.000325
Nickel	mg/L	0.000200	90.2	1.76	0.00514
Nitrate(as N)	mg/L	0.0100	75.8	.180	5.22
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.0399
Selenium	mg/L	0.000300	103.	1.47	0.000830
Sodium	mg/L	0.0100	85.0	.730	5.18
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.000361
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.698
Chloride	mg/L	0.100	101.	3.93	33.4
Copper	mg/L	0.000200	90.5	2.26	0.00492
Fluoride	mg/L	0.0100			0.0692
Iron	mg/L	0.00400	94.7	.510	0.367
Manganese	mg/L	0.000500	94.6	.010	0.0345
Silver	mg/L	0.0000500	102.	7.37	0.000190
Sulfate	mg/L	1.00	99.5	.000	5.69
Zinc	mg/L	0.000700	96.8	2.51	0.0149

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FloralCity, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

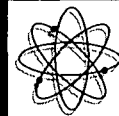
For: SL6A  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983  
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17980
		Detection Limit			
Color (color units)	PCU	5.00			10.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	102.	.940	7.99
TDS	mg/L	2.50			216.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	300.
Gross alpha	pCi/L	0.100			30.0
Analysis Error	pCi/L	0.100			3.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.90
Analysis_Error(226)	pCi/L	0.100			0.300
Radium 228	pCi/L	0.300			1.10
Analysis_Error(228)	pCi/L	0.300			0.900
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			22.0
Field pH (units)	pH	0.0100			7.67
Ammonia(as N)	mg/L	0.0100	107.	22.8	<0.0100

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Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL7  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983  
REPORT OF ANALYSIS

17981

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.000443
Barium	mg/L	0.000400	107.	.520	0.00648
Cadmium	mg/L	0.000100	80.8	3.26	0.00362
Chromium	mg/L	0.000200	92.3	.610	0.0152
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0466
Lead	mg/L	0.000100	88.6	.320	0.00111
Mercury	mg/L	0.000200	102.	6.66	<0.000200
Nickel	mg/L	0.000200	90.2	1.76	0.00549
Nitrate(as N)	mg/L	0.0100	75.8	.180	5.63
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.0144
Selenium	mg/L	0.000300	103.	1.47	0.000489
Sodium	mg/L	0.0100	85.0	.730	6.08
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.000594
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.327
Chloride	mg/L	0.100	101.	3.93	23.9
Copper	mg/L	0.000200	90.5	2.26	0.00721
Fluoride	mg/L	0.0100			0.0466
Iron	mg/L	0.00400	94.7	.510	0.412
Manganese	mg/L	0.000500	94.6	.010	0.0323
Silver	mg/L	0.0000500	102.	7.37	0.000146
Sulfate	mg/L	1.00	99.5	.000	2.02
Zinc	mg/L	0.000700	96.8	2.51	0.0703

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Received From:  
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Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL7

Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

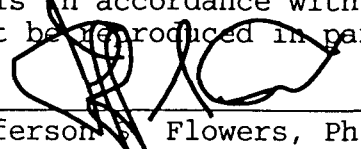
REPORT OF ANALYSIS

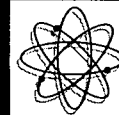
17981

Parameter	Unit	Method	%ACC	%PRC	Detection Limit
Color (color units)	PCU				10.0
Odor (total odor num)	TON				<1.00
pH	pH	0.0100	102.	.940	7.82
TDS	mg/L				244.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	220.
Gross alpha	pCi/L	0.100			3.60
Analysis Error	pCi/L	0.100			1.20
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			0.600
Analysis_Error(226)	pCi/L	0.100			0.100
Radium 228	pCi/L	0.300			0.400
Analysis_Error(228)	pCi/L	0.300			0.600
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			22.1
Field pH (units)	pH	0.0100			7.28
Ammonia(as N)	mg/L	0.0100	107.	22.8	<0.0100

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Date Reported : Aug 11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRS DW Number : 83139  
NYS DOH Number : 11595  
FDER COMQAP Num : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8

Date Sampled: Jul 14 1998 Date Received: Jul 14 1998 Lab Numbers: 17977-17983  
REPORT OF ANALYSIS

17982

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.000417
Barium	mg/L	0.000400	107.	.520	0.00587
Cadmium	mg/L	0.000100	80.8	3.26	0.000140
Chromium	mg/L	0.000200	92.3	.610	0.00874
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.0411
Lead	mg/L	0.000100	88.6	.320	0.000394
Mercury	mg/L	0.000200	102.	6.66	<0.000200
Nickel	mg/L	0.000200	90.2	1.76	0.00255
Nitrate (as N)	mg/L	0.0100	75.8	.180	1.66
Nitrite (as N)	mg/L	0.0100	96.5	2.28	0.0866
Selenium	mg/L	0.000300	103.	1.47	0.000844
Sodium	mg/L	0.0100	85.0	.730	7.67
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	<0.000100
Thallium	mg/L	0.000100	105.	1.99	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	0.0987
Chloride	mg/L	0.100	101.	3.93	7.42
Copper	mg/L	0.000200	90.5	2.26	0.00110
Fluoride	mg/L	0.0100			0.0411
Iron	mg/L	0.00400	94.7	.510	0.303
Manganese	mg/L	0.000500	94.6	.010	0.0268
Silver	mg/L	0.0000500	102.	7.37	0.0000570
Sulfate	mg/L	1.00	99.5	.000	3.24
Zinc	mg/L	0.000700	96.8	2.51	0.00182

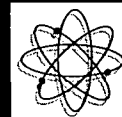
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Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8  
Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

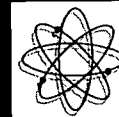
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17982
		Detection			
		Limit			
Color (color units)	PCU	5.00			<5.00
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	102.	.940	7.29
TDS	mg/L	2.50			290.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	11.0
Gross alpha	pCi/L	0.100			1.60
Analysis Error	pCi/L	0.100			0.800
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.00
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			0.300
Analysis_Error(228)	pCi/L	0.300			0.500
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			21.3
Field pH (units)	pH	0.0100			6.87
Ammonia(as N)	mg/L	0.0100	107.	22.8	0.0360

Data Release Authorization

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec.4  
Methods of analysis in accordance with FCL QA and EPA approved methodology .  
This Report may not be reproduced in part, results relate only to items tested.

*(Signature)*  
Jefferson S. Flowers, Ph.d.  
President/Technical Director



Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug 11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9  
Date Sampled: Jul 14 1998 Date Received: Jul 14 1998 Lab Numbers: 17977-17983


REPORT OF ANALYSIS

17983

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.6	1.16	0.00118
Barium	mg/L	0.000400	107.	.520	0.0245
Cadmium	mg/L	0.000100	80.8	3.26	0.0173
Chromium	mg/L	0.000200	92.3	.610	0.0301
Cyanide	mg/L	0.00500	95.0	.000	<0.00500
Fluoride	mg/L	0.0100	101.	.320	0.122
Lead	mg/L	0.000100	88.6	.320	0.000668
Mercury	mg/L	0.000200	102.	6.66	0.00178
Nickel	mg/L	0.000200	90.2	1.76	0.0117
Nitrate(as N)	mg/L	0.0100	75.8	.180	0.121
Nitrite(as N)	mg/L	0.0100	96.5	2.28	0.0218
Selenium	mg/L	0.000300	103.	1.47	0.00100
Sodium	mg/L	0.0100	85.0	.730	11.2
Antimony	mg/L	0.00300	96.1	16.9	<0.00300
Beryllium	mg/L	0.000100	121.	8.02	0.00243
Thallium	mg/L	0.000100	105.	1.99	0.000222
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	89.1	2.94	2.90
Chloride	mg/L	0.100	101.	3.93	33.4
Copper	mg/L	0.000200	90.5	2.26	0.0149
Fluoride	mg/L	0.0100			0.122
Iron	mg/L	0.00400	94.7	.510	0.624
Manganese	mg/L	0.000500	94.6	.010	0.0478
Silver	mg/L	0.0000500	102.	7.37	<0.0000500
Sulfate	mg/L	1.00	99.5	.000	3.55
Zinc	mg/L	0.000700	96.8	2.51	0.0300

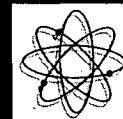
Data Release Authorization

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Methods of analysis in accordance with FCL QA and EPA approved methodology.  
This Report may not be reproduced in part, results relate only to items tested.

  
Jefferson S. Flowers, Ph.D.

President, Technical Director  
Serving Your Analytical and Environmental Needs Since 1957

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Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Aug11 1998  
Project Number : Sumter Indfl.  
PO Number : N/A  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9

Date Sampled: Jul14 1998 Date Received: Jul14 1998 Lab Numbers: 17977-17983

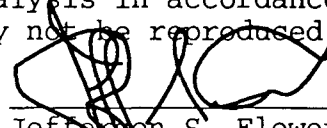
REPORT OF ANALYSIS

17983

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	102.	.940	6.92
TDS	mg/L	2.50			478.
Foaming_Agents	mg/L	0.100	93.7	.010	<0.100
Turbidity	NTU	0.0500	104.	.000	384.
Gross alpha	pCi/L	0.100			36.0
Analysis Error	pCi/L	0.100			4.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Phot	pCi/L	0.100			-
Radium 226	pCi/L	0.100			13.2
Analysis_Error(226)	pCi/L	0.100			0.700
Radium 228	pCi/L	0.300			0.900
Analysis_Error(228)	pCi/L	0.300			0.800
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			21.3
Field pH (units)	pH	0.0100			6.47
Ammonia(as N)	mg/L	0.0100	107.	22.8	<0.0100

Data Release Authorization

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec.4  
Methods of analysis in accordance with FCL QA and EPA approved methodology.  
This Report may not be reproduced in part, results relate only to items tested.

  
\_\_\_\_\_  
Jefferson S. Flowers, Ph.D.  
President/Technical Director

1199		FLOWERS CHEMICAL LABORATORIES														
		ANALYTICAL RESULTS FORM										HRS Number 83139				
Parameter	Symbol	Unit	SL1	SL2	SL4	SL6A	SL7	SL8	SL9	QA		Section		Analys	Date	
			17977	17978	17979	17980	17981	17982	17983	Method	MDL	%RSD	%Rec			
Arsenic	*	mg/L	0.000622	0.000345	0.000568	0.000520	0.000443	0.000417	0.00118	EPA200.8	0.00005	1.1663337	98.633333	LSM	07-21-98	
Barium	*	mg/L	0.00526	0.0197	0.0113	0.00547	0.00648	0.00587	0.0245	EPA200.8	0.0004	0.5299136	107.4	LSM	07-21-98	
Cadmium	*	mg/L	0.000200	0.00130	0.00112	0.00103	0.00362	0.000140	0.0173	SM3113B	0.0001	3.2655193	80.8	EVB	07-28-98	
Chromium	*	mg/L	0.00161	0.0139	0.00836	0.0179	0.0152	0.00874	0.0301	EPA200.8	0.0002	0.6113683	92.316666	LSM	07-21-98	
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	SM4500-C	0.0005	0	95.004739	AV	07-28-98	
Fluoride	*	mg/L	0.0251	0.0861	0.0885	0.0692	0.0466	0.0411	0.122	SM4500F	0.01	0.3223882	101.26	DLB	07-16-98	
Lead	*	mg/L	0.000304	0.00243	0.000871	0.000215	0.00111	0.000394	0.000668	EPA200.8	0.0001	0.3277613	88.66	LSM	07-21-98	
Mercury	*	mg/L	0.000500	<0.0002	0.000238	0.000325	<0.0002	<0.0002	0.00178	EPA245.1	0.0002	6.6674876	102.76791	EVB	07-21-98	
Nickel	*	mg/L	0.000606	0.00504	0.00382	0.00514	0.00549	0.00255	0.0117	EPA200.8	0.0002	1.7669665	90.216666	LSM	07-21-98	
Nitrate(as N)	*	mg/L	2.80	0.946	18.5	5.22	5.63	1.66	0.121	EPA353.2	0.01	0.1889132	75.896719	TRB	07-16-98	
Nitrite(as N)	*	mg/L	0.0116	0.0253	0.130	0.0399	0.0144	0.0866	0.0218	EPA353.2	0.01	2.2824715	96.508793	YGS	07-16-98	
Selenium	*	mg/L	0.000568	0.000369	0.00191	0.000830	0.000489	0.000844	0.00100	EPA200.8	0.0003	1.4738097	103.716666	LSM	07-21-98	
Sodium	*	mg/L	4.70	14.1	57.7	5.18	6.08	7.67	11.2	EPA200.7	0.01	0.7354202	85	EVB	07-27-98	
Antimony	*	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	SM3113B	0.003	16.952402	96.1	EVB	07-28-98	
Beryllium	*	mg/L	0.000255	0.00137	0.000471	0.000361	0.000594	<0.0001	0.00243	EPA200.8	0.0001	8.0291843	121	LSM	07-21-98	
Thallium	*	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000222	EPA200.8	0.0001	1.9923956	105.4	LSM	07-21-98	
Asbestos	*	MF/L								TEM	1					
Aluminum	*	mg/L	0.321	0.663	0.299	0.698	0.327	0.0987	2.90	EPA200.8	0.001	2.9428457	89.166666	LSM	07-23-98	
Chloride	*	mg/L	3.34	11.9	197	33.4	23.9	7.42	33.4	EPA300	0.1	3.9387758	101.06461	TRB	07-17-98	
Copper	*	mg/L	0.00237	0.00766	0.00420	0.00492	0.00721	0.00110	0.0149	EPA200.8	0.0002	2.2608358	90.5	LSM	07-21-98	
Fluoride	*	mg/L	0.0251	0.0861	0.0885	0.0692	0.0466	0.0411	0.122	SM4500F	0.01			DLB	07-16-98	
Iron	*	mg/L	0.290	1.25	0.238	0.367	0.412	0.303	0.624	EPA200.7	0.004	0.5149368	94.756	EVB	07-27-98	
Manganese	*	mg/L	0.0143	0.623	0.0291	0.0345	0.0323	0.0268	0.0478	EPA200.7	0.0005	0.0186561	94.672	EVB	07-27-98	
Silver	*	mg/L	<0.00005	0.0000683	0.000138	0.000190	0.000146	0.0000570	<0.00005	EPA200.8	0.00005	7.3746312	102.51	LSM	07-21-98	
Sulfate	*	mg/L	3.24	12.4	8.14	5.69	2.02	3.24	3.55	EPA375.4	1	0	99.576809	TRB	07-30-98	
Zinc	*	mg/L	0.00530	0.0180	0.00942	0.0149	0.0703	0.00182	0.0300	EPA200.8	0.0007	2.5164618	96.833333	LSM	07-21-98	
Color (color units)	*	PCU	35.0	15.0	15.0	10.0	10.0	<5	15.0	SM2120B	5			DLB	07-15-98	
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1	SM2150B	1			DLB	07-15-98	
pH (units)	*	pH	6.53	7.56	7.33	7.99	7.82	7.29	6.92	EPA150.1	0.01	0.9493778	102	DLB	07-15-98	
Total Dissolved Solids	*	mg/L	118	216	532	216	244	290	478	SM2540C	2.5			DLB	07-17-98	
Foaming Agents	*	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	SM5540C	0.1	0.0184972	93.789778	DLB	07-15-98	
Turbidity	*	NTU	18.0	140	53.0	300	220	11.0	384	EPA180.1	0.05	0	104	DLB	07-15-98	
Gross alpha	*	pCVL	10.5	18	35	30	3.6	1.6	36	EPA900	0.1			PL	08-05-98	
Analysis Error(Ga)	*	pCVL	0.4	0.8	2	3	1.2	0.8	4	EPA900	0.1			PL	08-05-98	
Photon emitters	*	pCVL								-	0.1					
Analysis Error(Photon)	*	pCVL								-	0.1					
Radium-226	*	pCVL	1.4	1.6	1.7	1.9	0.6	1	13.2	EPA903.1	0.1			PL	08-05-98	
Analysis Error(226)	*	pCVL	0.2	0.2	0.2	0.3	0.1	0.2	0.7	EPA903.1	0.1			PL	08-05-98	
Radium-228	*	pCVL	0.5	1.6	0.7	1.1	0.4	0.3	0.9	EPA904	0.3			PL	08-05-98	
Analysis Error(228)	*	pCVL	0.7	1	0.7	0.9	0.6	0.5	0.8	EPA904	0.3			PL	08-05-98	
Man-made beta & photon	*	pCVL	-	-	-	-	-	-	-	EPA900	0.1			PL	08-05-98	
Analysis Error(beta & pho)	*	pCVL	-	-	-	-	-	-	-	EPA900	0.1			PL	08-05-98	
Field Temp. (C)	*	oC	21.3	19.8	23.1	22	22.1	21.3	21.3	-	1			SJW	07-15-98	
Field pH (units)	*	pH	6.62	6.84	7	7.67	7.28	6.87	6.47	EPA150.1	0.01			SJW	07-15-98	
Ammonium(as N)	*	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.0360	<0.01	EPA350.1	0.01	22.877140	107.70594	YGS	07-27-98	
			Date Received: 07-14-98			Typed: 08-11-98			Sent: 08-11-98							
Project Number	Sumter Indll.															
PO Number	N/A															
Date Sampled	1 07-14-98 *															
Date Analyzed	0															



Compacted	1	
Format	NormRR	
Unit Cost	Exted	
Secs93	8500	7 *
Prim. Inorg.	9500	7 *
TB	700	7 *
UNH4	900	7 *
GA	4000	7 *
Ba226228	27000	7 *

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1002	Aluminum	17977	0.321	EPA200.8	0.001	0.2	7/23/1998
1905	Color (color units)	17977	35.0	SM2120B	5	15	7/15/1998
4000	Gross alpha	17977	10.5	EPA900	0.1	5	8/5/1998

### UNREGULATED

4020	Radium-226	17977	1.40	EPA903.1	0.1	0	8/5/1998
4030	Radium-228	17977	0.500	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

## PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.  
Address: PO Box 883 FloralCity, FL 34436 Phone #: \_\_\_\_\_  
Type (check one):  Community  Nontransient Noncommunity  Noncommunity

## SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL1  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s):  Distribution  Recheck of MCL  Resample of Lab Invalidated Sample  
 Clearance  Thm Max Res Time  Plant Tap  
 Distribution entry pt  Raw  Composite of Multiple Sites-Attach a format for each site

## LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17977  
Date Sample(s) Received: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.



Signature: \_\_\_\_\_  
Title: Technical Director Date: 8/11/98

## COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_  
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_  
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_  
DEP /ACPHU Reviewing Official: \_\_\_\_\_

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17977	0.0000622	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17977	0.00526	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17977	0.000200	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17977	0.00161	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17977	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17977	0.0251	SM4500F C	0.01	4	07-16-98
1030 Lead	17977	0.000304	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17977	0.000500	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17977	0.000606	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17977	2.80	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17977	0.0116	EPA353.2	0.01	1	07-16-98
1045 Selenium	17977	0.000568	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17977	4.70	EPA200.7	0.01	160	07-27-98
1074 Antimony	17977	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17977	0.000255	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17977	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17977		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17977	0.321	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17977	3.34	EPA300	0.1	250	07-17-98
1022 Copper	17977	0.00237	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17977	0.0251	SM4500F C	0.01	2	07-16-98
1028 Iron	17977	0.290	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17977	0.0143	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17977	<0.00005	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17977	3.24	EPA375.4	1	250	07-30-98
1095 Zinc	17977	0.00530	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17977	35.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17977	<1	SM2150B	1	3	07-15-98
1925 pH	17977	6.53	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17977	118	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17977	<0.1	SM5540C	0.1	0.5	07-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17977	10.5	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17977	0.400	EPA900	0.1		08-05-98
4012 Photon emitters	17977		-	0.1		
4012 Analysis_Error(Photon)	17977		-	0.1		
4020 Radium-226	17977	1.40	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17977	0.200	EPA903.1	0.1		08-05-98
4030 Radium-228	17977	0.500	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17977	0.700	EPA904	0.3		08-05-98
4101 Man-made beta	17977		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17977		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1002	Aluminum 17978	0.663	EPA200.8	0.001	0.2	7/23/1998
1028	Iron 17978	1.25	EPA200.7	0.004	0.3	7/27/1998
1032	Manganese 17978	0.623	EPA200.7	0.0005	0.05	7/27/1998
4000	Gross alpha 17978	18.0	EPA900	0.1	5	8/5/1998

### UNREGULATED

4020	Radium-226 17978	1.60	EPA903.1	0.1	0	8/5/1998
4030	Radium-228 17978	1.60	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically. \_\_\_\_\_

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

## PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.  
Address: PO Box 883 FloralCity, FL 34436 Phone #: \_\_\_\_\_  
Type (check one):  Community  Nontransient Noncommunity  Noncommunity

## SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL2  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s):  Distribution  Recheck of MCL  Resample of Lab Invalidated Sample  
 Clearance  Thm Max Res Time  Plant Tap  
 Distribution entry pt  Raw  Composite of Multiple Sites-Attach a format for each site

## LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17978  
Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.



Signature: \_\_\_\_\_  
Title: Technical Director Date: 8/11/98

## COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_  
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_  
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_  
DEP /ACPHU Reviewing Official: \_\_\_\_\_

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17978	0.000345	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17978	0.0197	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17978	0.00130	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17978	0.0139	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17978	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17978	0.0861	SM4500F C	0.01	4	07-16-98
1030 Lead	17978	0.00243	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17978	<0.0002	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17978	0.00504	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17978	0.946	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17978	0.0253	EPA353.2	0.01	1	07-16-98
1045 Selenium	17978	0.000369	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17978	14.1	EPA200.7	0.01	160	07-27-98
1074 Antimony	17978	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17978	0.00137	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17978	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17978		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17978	0.663	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17978	11.9	EPA300	0.1	250	07-17-98
1022 Copper	17978	0.00766	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17978	0.0861	SM4500F C	0.01	2	07-16-98
1028 Iron	17978	1.25	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17978	0.623	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17978	0.0000683	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17978	12.4	EPA375.4	1	250	07-30-98
1095 Zinc	17978	0.0180	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17978	15.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17978	<1	SM2150B	1	3	07-15-98
1925 pH	17978	7.56	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17978	216	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17978	<0.1	SM5540C	0.1	0.5	07-15-98



Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17978	18.0	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17978	0.800	EPA900	0.1		08-05-98
4012 Photon emitters	17978		-	0.1		
4012 Analysis_Error(Photon)	17978		-	0.1		
4020 Radium-226	17978	1.60	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17978	0.200	EPA903.1	0.1		08-05-98
4030 Radium-228	17978	1.60	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17978	1.00	EPA904	0.3		08-05-98
4101 Man-made beta	17978		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17978		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1040	Nitrate(as N)	17979	18.5	EPA353.2	0.01	10	7/16/1998
1002	Aluminum	17979	0.299	EPA200.8	0.001	0.2	7/23/1998
1930	Total Dissolved Solids	17979	532	SM2540C	2.5	500	7/17/1998
4000	Gross alpha	17979	35.0	EPA900	0.1	5	8/5/1998

### UNREGULATED

4020	Radium-226	17979	1.70	EPA903.1	0.1	0	8/5/1998
4030	Radium-228	17979	0.700	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.
Address: PO Box 883 FloralCity, FL 34436 Phone #: \_\_\_\_\_
Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time : \_\_\_\_\_
Sample Location (be specific): SL4
Sampler Name and Phone: \_\_\_\_\_
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s): ( )Distribution ( )Recheck of MCL ( )Resample of Lab Invalidated Sample
( )Clearance ( )Thm Max Res Time ( )Plant Tap
( )Distribution entry pt ( )Raw ( )Composite of Multiple Sites-Attach a format for each site

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17979
Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes
Inorganics Volatile Organics Secondaries Pesticides & PCBs
(X) All 17 ( ) Partial ( ) All 21 ( ) Partial ( ) All 14 (X) Partial ( ) All 30 ( ) Partial
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals
( ) All 13 ( ) Partial ( ) All 23 ( ) Partial ( ) All 11 ( ) Partial (X) Single Sample
( ) Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.

[Handwritten signature]

Signature: \_\_\_\_\_
Title: Technical Director Date: 8/11/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_
DEP /ACPHU Reviewing Official: \_\_\_\_\_

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17979	0.000568	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17979	0.0113	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17979	0.00112	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17979	0.00836	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17979	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17979	0.0885	SM4500F C	0.01	4	07-16-98
1030 Lead	17979	0.000871	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17979	0.000238	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17979	0.00382	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17979	18.5	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17979	0.130	EPA353.2	0.01	1	07-16-98
1045 Selenium	17979	0.00191	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17979	57.7	EPA200.7	0.01	160	07-27-98
1074 Antimony	17979	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17979	0.000471	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17979	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17979		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17979	0.299	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17979	197	EPA300	0.1	250	07-17-98
1022 Copper	17979	0.00420	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17979	0.0885	SM4500F C	0.01	2	07-16-98
1028 Iron	17979	0.238	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17979	0.0291	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17979	0.000138	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17979	8.14	EPA375.4	1	250	07-30-98
1095 Zinc	17979	0.00942	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17979	15.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17979	<1	SM2150B	1	3	07-15-98
1925 pH	17979	7.33	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17979	532	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17979	<0.1	SM5540C	0.1	0.5	07-15-98

**Radiological Analysis**  
 62-550.310(5)  
 (PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17979	35.0	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17979	2.00	EPA900	0.1		08-05-98
4012 Photon emitters	17979		-	0.1		
4012 Analysis_Error(Photon)	17979		-	0.1		
4020 Radium-226	17979	1.70	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17979	0.200	EPA903.1	0.1		08-05-98
4030 Radium-228	17979	0.700	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17979	0.700	EPA904	0.3		08-05-98
4101 Man-made beta	17979		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17979		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1002	Aluminum	17980	0.698	EPA200.8	0.001	0.2	7/23/1998
1028	Iron	17980	0.367	EPA200.7	0.004	0.3	7/27/1998
4000	Gross alpha	17980	30.0	EPA900	0.1	5	8/5/1998

### UNREGULATED

4020	Radium-226	17980	1.90	EPA903.1	0.1	0	8/5/1998
4030	Radium-228	17980	1.10	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.
Address: PO Box 883 FloralCity,FL 34436 Phone #: \_\_\_\_\_
Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time : \_\_\_\_\_
Sample Location (be specific): SL6A
Sampler Name and Phone: \_\_\_\_\_
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s): ( )Distribution ( )Recheck of MCL ( )Resample of Lab Invalidated Sample
( )Clearance ( )Thm Max Res Time ( )Plant Tap
( )Distribution entry pt ( )Raw ( )Composite of Multiple Sites-Attach a format for each site

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17980
Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes
Inorganics Volatile Organics Secondaries Pesticides & PCBs
(X) All 17 ( ) Partial ( ) All 21 ( ) Partial ( ) All 14 (X) Partial ( ) All 30 ( ) Partial
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals
( ) All 13 ( ) Partial ( ) All 23 ( ) Partial ( ) All 11 ( ) Partial (X) Single Sample
( ) Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.

[Handwritten signature]

Signature: \_\_\_\_\_
Title: Technical Director Date: 8/11/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_
DEP /ACPHU Reviewing Official: \_\_\_\_\_

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17980	0.000520	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17980	0.00547	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17980	0.00103	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17980	0.0179	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17980	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17980	0.0692	SM4500F C	0.01	4	07-16-98
1030 Lead	17980	0.000215	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17980	0.000325	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17980	0.00514	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17980	5.22	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17980	0.0399	EPA353.2	0.01	1	07-16-98
1045 Selenium	17980	0.000830	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17980	5.18	EPA200.7	0.01	160	07-27-98
1074 Antimony	17980	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17980	0.000361	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17980	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17980		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17980	0.698	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17980	33.4	EPA300	0.1	250	07-17-98
1022 Copper	17980	0.00492	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17980	0.0692	SM4500F C	0.01	2	07-16-98
1028 Iron	17980	0.367	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17980	0.0345	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17980	0.000190	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17980	5.69	EPA375.4	1	250	07-30-98
1095 Zinc	17980	0.0149	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17980	10.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17980	<1	SM2150B	1	3	07-15-98
1925 pH	17980	7.99	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17980	216	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17980	<0.1	SM5540C	0.1	0.5	07-15-98



Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17980	30.0	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17980	3.00	EPA900	0.1		08-05-98
4012 Photon emitters	17980		-	0.1		
4012 Analysis_Error(Photon)	17980		-	0.1		
4020 Radium-226	17980	1.90	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17980	0.300	EPA903.1	0.1		08-05-98
4030 Radium-228	17980	1.10	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17980	0.900	EPA904	0.3		08-05-98
4101 Man-made beta	17980		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17980		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1002	Aluminum	17981	0.327	EPA200.8	0.001	0.2	7/23/1998
1028	Iron	17981	0.412	EPA200.7	0.004	0.3	7/27/1998

### UNREGULATED

4020	Radium-226	17981	0.600	EPA903.1	0.1	0	8/5/1998
4030	Radium-228	17981	0.400	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

## PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.  
Address: PO Box 883 FloralCity, FL 34436 Phone #: \_\_\_\_\_  
Type (check one):  Community  Nontransient Noncommunity  Noncommunity

## SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL7  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s):  Distribution  Recheck of MCL  Resample of Lab Invalidated Sample  
 Clearance  Thm Max Res Time  Plant Tap  
 Distribution entry pt  Raw  Composite of Multiple Sites-Attach a format for each site

## LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17981


Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes

Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial

Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.



Signature: \_\_\_\_\_  
Title: Technical Director Date: 8/11/98

## COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_  
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_  
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_  
DEP /ACPHU Reviewing Official: \_\_\_\_\_

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17981	0.000443	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17981	0.00648	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17981	0.00362	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17981	0.0152	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17981	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17981	0.0466	SM4500F C	0.01	4	07-16-98
1030 Lead	17981	0.00111	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17981	<0.0002	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17981	0.00549	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17981	5.63	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17981	0.0144	EPA353.2	0.01	1	07-16-98
1045 Selenium	17981	0.000489	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17981	6.08	EPA200.7	0.01	160	07-27-98
1074 Antimony	17981	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17981	0.000594	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17981	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17981		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17981	0.327	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17981	23.9	EPA300	0.1	250	07-17-98
1022 Copper	17981	0.00721	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17981	0.0466	SM4500F C	0.01	2	07-16-98
1028 Iron	17981	0.412	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17981	0.0323	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17981	0.000146	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17981	2.02	EPA375.4	1	250	07-30-98
1095 Zinc	17981	0.0703	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17981	10.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17981	<1	SM2150B	1	3	07-15-98
1925 pH	17981	7.82	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17981	244	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17981	<0.1	SM5540C	0.1	0.5	07-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17981	3.60	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17981	1.20	EPA900	0.1		08-05-98
4012 Photon emitters	17981		-	0.1		
4012 Analysis_Error(Photon)	17981		-	0.1		
4020 Radium-226	17981	0.600	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17981	0.100	EPA903.1	0.1		08-05-98
4030 Radium-228	17981	0.400	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17981	0.600	EPA904	0.3		08-05-98
4101 Man-made beta	17981		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17981		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1028	Iron	17982	0.303	EPA200.7	0.004	0.3	7/27/1998
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### UNREGULATED

4020	Radium-226	17982	1.00	EPA903.1	0.1	0	8/5/1998
------	------------	-------	------	----------	-----	---	----------

4030	Radium-228	17982	0.300	EPA904	0.3	0	8/5/1998
------	------------	-------	-------	--------	-----	---	----------

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

## PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: \_\_\_\_\_ I.D. #: Sumter Indfl.  
Address: PO Box 883 FloralCity, FL 34436 Phone #: \_\_\_\_\_  
Type (check one):  Community  Nontransient Noncommunity  Noncommunity

## SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time: \_\_\_\_\_  
Sample Location (be specific): SL8  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Check Type (s):  Distribution  Recheck of MCL  Resample of Lab Invalidated Sample  
 Clearance  Thm Max Res Time  Plant Tap  
 Distribution entry pt  Raw  Composite of Multiple Sites-Attach a format for each site

## LABORATORY CERTIFICATION INFORMATION

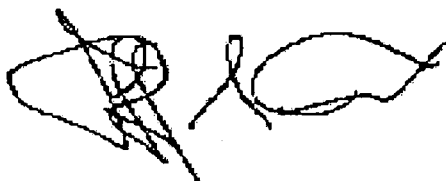
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17982  
Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.



Signature: \_\_\_\_\_  
Title: Technical Director Date: 8/11/98

## COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: \_\_\_\_\_ Sample Analysis Satisfactory: \_\_\_\_\_  
Resample Request for: \_\_\_\_\_ Reason: \_\_\_\_\_  
Person notified to resample: \_\_\_\_\_ Date notified: \_\_\_\_/\_\_\_\_/\_\_\_\_  
DEP /ACPHU Reviewing Official: \_\_\_\_\_

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17982	0.000417	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17982	0.00587	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17982	0.000140	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17982	0.00874	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17982	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17982	0.0411	SM4500F C	0.01	4	07-16-98
1030 Lead	17982	0.000394	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17982	<0.0002	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17982	0.00255	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17982	1.66	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17982	0.0866	EPA353.2	0.01	1	07-16-98
1045 Selenium	17982	0.000844	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17982	7.67	EPA200.7	0.01	160	07-27-98
1074 Antimony	17982	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17982	<0.0001	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17982	<0.0001	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17982		TEM	1	7	

### Secondary Chemical Analysis

62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17982	0.0987	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17982	7.42	EPA300	0.1	250	07-17-98
1022 Copper	17982	0.00110	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17982	0.0411	SM4500F C	0.01	2	07-16-98
1028 Iron	17982	0.303	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17982	0.0268	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17982	0.0000570	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17982	3.24	EPA375.4	1	250	07-30-98
1095 Zinc	17982	0.00182	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17982	<5	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17982	<1	SM2150B	1	3	07-15-98
1925 pH	17982	7.29	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17982	290	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17982	<0.1	SM5540C	0.1	0.5	07-15-98



Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17982	1.60	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17982	0.800	EPA900	0.1		08-05-98
4012 Photon emitters	17982		-	0.1		
4012 Analysis_Error(Photon)	17982		-	0.1		
4020 Radium-226	17982	1.00	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17982	0.200	EPA903.1	0.1		08-05-98
4030 Radium-228	17982	0.300	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17982	0.500	EPA904	0.3		08-05-98
4101 Man-made beta	17982		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17982		EPA900	0.1		08-05-98

## DRINKING WATER EXCEEDANCE REPORT

FCL provides this report in compliance with FAC 62-550.

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.

Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.

Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1015	Cadmium	17983	0.0173	SM3113B	0.0001	0.005	7/28/1998
1002	Aluminum	17983	2.90	EPA200.8	0.001	0.2	7/23/1998
1028	Iron	17983	0.624	EPA200.7	0.004	0.3	7/27/1998
4000	Gross alpha	17983	36.0	EPA900	0.1	5	8/5/1998

### UNREGULATED

4020	Radium-226	17983	13.2	EPA903.1	0.1	0	8/5/1998
4030	Radium-228	17983	0.900	EPA904	0.3	0	8/5/1998

If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: PO Box 883 FloralCity, FL 34436 I.D. #: Sumter Indfl.
Address: PO Box 883 FloralCity, FL 34436 Phone #:
Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 7/14/98 Sample Time :
Sample Location (be specific): SL9
Sampler Name and Phone:
Samplers Signature: Title:

Check Type (s): ( )Distribution ( )Recheck of MCL ( )Resample of Lab Invalidated Sample
( )Clearance ( )Thm Max Res Time ( )Plant Tap
( )Distribution entry pt ( )Raw ( )Composite of Multiple Sites-Attach a format for each site

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17983
Date Sample(s) Recieved: 7/14/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes
Inorganics Volatile Organics Secondaries Pesticides & PCBs
(X) All 17 ( ) Partial ( ) All 21 ( ) Partial ( ) All 14 (X) Partial ( ) All 30 ( ) Partial
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals
( ) All 13 ( ) Partial ( ) All 23 ( ) Partial ( ) All 11 ( ) Partial (X) Single Sample
( ) Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S Flowers, do HEREBY CERTIFY that all attached analytical data submitted are correct.

[Handwritten signature]

Signature:
Title: Technical Director Date: 8/11/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: Sample Analysis Satisfactory:
Resample Request for: Reason:
Person notified to resample: Date notified:
DEP /ACPHU Reviewing Official:

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17983	0.00118	EPA200.8	0.00005	0.05	07-21-98
1010 Barium	17983	0.0245	EPA200.8	0.0004	2	07-21-98
1015 Cadmium	17983	0.0173	SM3113B	0.0001	0.005	07-28-98
1020 Chromium	17983	0.0301	EPA200.8	0.0002	0.1	07-21-98
1024 Cyanide	17983	<0.005	SM4500-CN E	0.005	0.2	07-28-98
1025 Fluoride	17983	0.122	SM4500F C	0.01	4	07-16-98
1030 Lead	17983	0.000668	EPA200.8	0.0001	0.015	07-21-98
1035 Mercury	17983	0.00178	EPA245.1	0.0002	0.002	07-21-98
1036 Nickel	17983	0.0117	EPA200.8	0.0002	0.1	07-21-98
1040 Nitrate(as N)	17983	0.121	EPA353.2	0.01	10	07-16-98
1041 Nitrite(as N)	17983	0.0218	EPA353.2	0.01	1	07-16-98
1045 Selenium	17983	0.00100	EPA200.8	0.0003	0.05	07-21-98
1052 Sodium	17983	11.2	EPA200.7	0.01	160	07-27-98
1074 Antimony	17983	<0.003	SM3113B	0.003	0.006	07-28-98
1075 Beryllium	17983	0.00243	EPA200.8	0.0001	0.004	07-21-98
1085 Thallium	17983	0.000222	EPA200.8	0.0001	0.002	07-21-98
1094 Asbestos	17983		TEM	1	7	

### Secondary Chemical Analysis

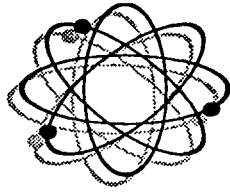
62-550.320

(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17983	2.90	EPA200.8	0.001	0.2	07-23-98
1017 Chloride	17983	33.4	EPA300	0.1	250	07-17-98
1022 Copper	17983	0.0149	EPA200.8	0.0002	1	07-21-98
1025 Fluoride	17983	0.122	SM4500F C	0.01	2	07-16-98
1028 Iron	17983	0.624	EPA200.7	0.004	0.3	07-27-98
1032 Manganese	17983	0.0478	EPA200.7	0.0005	0.05	07-27-98
1050 Silver	17983	<0.00005	EPA200.8	0.00005	0.1	07-21-98
1055 Sulfate	17983	3.55	EPA375.4	1	250	07-30-98
1095 Zinc	17983	0.0300	EPA200.8	0.0007	5	07-21-98
1905 Color (color units)	17983	15.0	SM2120B	5	15	07-15-98
1920 Odor (total odor number)	17983	<1	SM2150B	1	3	07-15-98
1925 pH	17983	6.92	EPA150.1	0.01	6.5 - 8.5	07-15-98
1930 Total Dissolved Solids	17983	478	SM2540C	2.5	500	07-17-98
2905 Foaming Agents	17983	<0.1	SM5540C	0.1	0.5	07-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17983	36.0	EPA900	0.1		5 08-05-98
4000 Analysis_Error(Ga)	17983	4.00	EPA900	0.1		08-05-98
4012 Photon emitters	17983		-	0.1		
4012 Analysis_Error(Photon)	17983		-	0.1		
4020 Radium-226	17983	13.2	EPA903.1	0.1		08-05-98
4020 Analysis_Error(226)	17983	0.700	EPA903.1	0.1		08-05-98
4030 Radium-228	17983	0.900	EPA904	0.3		08-05-98
4030 Analysis_Error(228)	17983	0.800	EPA904	0.3		08-05-98
4101 Man-made beta	17983		EPA900	0.1		08-05-98
4101 Analysis_Error(beta)	17983		EPA900	0.1		08-05-98



# FLOWERS CHEMICAL LABORATORIES

Internal Custody Record

Lab Number: 17977

## Lab # 17977

Container 172061 Amber 1 L:	
Aux Mbl Cart 5 Shl Steven Welsh	Wed, 07/15/98 03:07PM
Container 172063 Plastic Bottle 1 L:	
Aux Mbl Cart 5 Shl Steven Welsh	Wed, 07/15/98 03:08PM
Container 172064 Plastic Bottle 250 ml:	
Aux Mbl Cart 5 Shl Steven Welsh	Wed, 07/15/98 03:09PM
Container 172067 Plastic Bottle 500 ml:	
Aux Mbl Cart 5 Shl Steven Welsh	Wed, 07/15/98 03:09PM

Jefferson L. Flowers, Ph.D  
Jefferson S. Flowers, Ph.D  
P O BOX 150597  
481 NEWBURYPORT Av.  
ALTAMONTE SPRINGS  
FLORIDA 32715 - 0597  
BUS: (407) 339-5984  
FAX: (407) 260-6110  
Section 5 of 5



Lawton Chiles  
Governor

James T. Howell, M.D., M.P.H.  
Secretary

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER: 83139

EPA: FL00091

DATE: APRIL 17, 1998

SEPTEMBER 22, 1997

MICROBIOLOGY

METHODS

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

SEPTEMBER 22, 1997

X Membrane Filter SM9222B  
 Multiple Tube Fermentation  
 X Fecal/E. coli SM9221E  
 MMO-MUG  
 P/A

PESTICIDES AND PCB'S

GC

GC/MS

HPLC

PRIMARY INORGANIC

1. INSECTICIDES

1. METALS AA(FUR) ICP ICP/MS OTHER  
 X ANTIMONY SM3113B  
 X ARSENIC SM3113B 200.8  
 X BARIUM SM3113B 200.7 200.8  
 X BERYLLIUM SM3113B 200.7 200.8  
 X CADMIUM SM3113B 200.7  
 X CHROMIUM SM3113B 200.7 200.8  
 X LEAD SM3113B 200.8  
 X MERCURY 245.1  
 X NICKEL 200.7 200.8  
 X SELENIUM SM3113B 200.8  
 X SODIUM 200.7  
 X THALLIUM 200.9 200.8

X ALACHLOR 505, 507  
 X ATRAZINE 505, 507  
 X CHLORDANE 505, 508  
 X ENDRIN 505, 508  
 X HEPTACHLOR 505, 508  
 X HEPTACHLOR EPOXIDE 505, 508  
 X LINDANE 505, 508  
 X METHOXYCHLOR 505, 508  
 X TOXAPHENE 505, 508  
 X HEXACHLOROBENZENE 505, 508  
 X HEXACHLOROCYCLOPENTADIENE 505  
 X SIMAZINE 505, 507

2. LEAD AND COPPER

2. HERBICIDES

X LEAD SM3113B 200.8  
 X COPPER 200.8

X 2,4-D 515.1  
 X PENTACHLOROPHENOL 515.1  
 X 2,4,5-TP (SILVEX) 515.1  
 X DALAPON 515.1  
 X DINOSEB 515.1  
 X PICLORAM 515.1

3. CYANIDE IC ISE UV-VIS OTHER

3. CARBAMATES

X CYANIDE SM4500CN E

X CARBOFURAN 531.1  
 X OXAMYL (VYDATE) 531.1

4. NITRATE AND NITRITE

4. DISINFECTANT BY-PRODUCTS/VOC'S

X NITRATE 300.0 353.2  
 X NITRITE 300.0 353.2  
 X TOTAL NO2-NO3 300.0 353.2

X 1,2-DIBROMO-3-CHLOROPROPANE 504.1  
 X ETHYLENE DIBROMIDE 504.1

5. FLUORIDE

5. MISCELLANEOUS SOC'S

X FLUORIDE SM4500F C

X DIQUAT 549.1  
 X ENDOTHALL 548.1  
 X GLYPHOSATE 547

6. ASBESTOS

6. PCB'S

ASBESTOS

X AROCHLORS 505  
 X DECACHLOROBIPHENYL 508A

SECONDARY INORGANIC

7. ADIPATES AND PHTHALATES

AA(FUR) ICP UV-VIS OTHER  
 X ALUMINUM 200.7 200.8  
 X CHLORIDE 300.0  
 X COLOR SM2120B  
 X COPPER SM3113B 200.7 200.8  
 X FLUORIDE SM4500F C  
 X FOAMING AGENTS SM5540C  
 X IRON SM3113B 200.7  
 X MANGANESE SM3113B 200.7 200.8  
 X ODOR SM2150B  
 X pH 150.1  
 X SILVER SM3113B 200.7 200.8  
 X SULFATE 300.0, 375.4  
 X TDS SM2540C  
 X ZINC 200.7 200.8

X DI(2-ETHYLHEXYL) ADIPATE 525.2  
 X DI(2-ETHYLHEXYL) PHTHALATE 525.2

8. PAH

X BENZO(a)PYRENE 550

DIOXIN

2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN



Lawton Chiles  
Governor

James T. Howell, M.D., M.P.H.  
Secretary

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:  
DATE:

83139 EPA: FLO0091  
APRIL 17, 1998  
SEPTEMBER 22, 1997

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

OTHER REGULATED CONTAMINANTS

1. VOLATILE ORGANIC COMPOUNDS

	GC	GC/MS
X TRICHLOROETHYLENE	502.2	524.2
X TETRACHLOROETHYLENE	502.2	524.2
X CARBON TETRACHLORIDE	502.2	524.2
X VINYL CHLORIDE	502.2	524.2
X 1,1,1-TRICHLOROETHANE	502.2	524.2
X 1,2-DICHLOROETHANE	502.2	524.2
X BENZENE	502.2	524.2
X p-DICHLOROENZENE	502.2	524.2
X 1,1-DICHLOROETHYLENE	502.2	524.2
X cis-1,2-DICHLOROETHYLENE	502.2	524.2
X 1,2-DICHLOROPROPANE	502.2	524.2
X ETHYLBENZENE	502.2	524.2
X CHLOROBENZENE	502.2	524.2
X o-DICHLOROENZENE	502.2	524.2
X STYRENE	502.2	524.2
X TOLUENE	502.2	524.2
X trans-1,2-DICHLOROETHYLENE	502.2	524.2
X TOTAL XYLENES	502.2	524.2
X DICHLOROMETHANE	502.2	524.2
X 1,2,4-TRICHLOROENZENE	502.2	524.2
X 1,1,2-TRICHLOROETHANE	502.2	524.2

2. TRIHALOMETHANES

X BROMODICHLOROMETHANE	502.2	524.2
X BROMOFORM	502.2	524.2
X CHLORODIBROMOMETHANE	502.2	524.2
X CHLOROFORM	502.2	524.2
X TOTAL TRIHALOMETHANES	502.2	524.2

GROUP I UNREGULATED CONTAMINANTS

1. CARBAMATES

	GC	GC/MS	HPLC
X ALDICARB			531.1
X ALDICARB SULFOXIDE			531.1
X ALDICARB SULFONE			531.1
X CARBARYL			531.1
X 3-HYDROXYCARBOFURAN			531.1
X METHOMYL			531.1

2. HERBICIDES

X ALDRIN	506, 508		
X BUTACHLOR	507		
X DICAMBA	515.1		
X DIELDRIN	506, 508		
X METOLACHLOR	507		
X METRIBUZIN	507		
X PROPACHLOR	508		

GROUP II UNREGULATED CONTAMINANTS

	GC	GC/MS
X BROMOBENZENE	502.2	524.2
X BROMODICHLOROMETHANE	502.2	524.2
X BROMOFORM	502.2	524.2
X BROMOMETHANE	502.2	524.2
X CHLOROETHANE	502.2	524.2
X CHLOROFORM	502.2	524.2
X CHLOROMETHANE	502.2	524.2
X DIBROMOCHLOROMETHANE	502.2	524.2
X DICHLORODIFLUOROMETHANE	502.2	524.2
X p-CHLOROTOLUENE	502.2	524.2
X DIBROMOMETHANE	502.2	524.2
X 1,1-DICHLOROETHANE	502.2	524.2
X 1,3-DICHLOROPROPENE	502.2	524.2
X 1,3-DICHLOROPROPANE	502.2	524.2
X 2,2-DICHLOROPROPANE	502.2	524.2
X TRICHLOROFLUOROMETHANE	502.2	524.2
X 1,2,3-TRICHLOROPROPANE	502.2	524.2
X m-DICHLOROENZENE	502.2	524.2
X 1,1,1,2-TETRACHLOROETHANE	502.2	524.2
X 1,1,2,2-TETRACHLOROETHANE	502.2	524.2
X METHYL tert-BUTYL ETHER	502.2	524.2
X 1,1-DICHLOROPROPENE	502.2	524.2
X o-CHLOROTOLUENE	502.2	524.2

GROUP III UNREGULATED CONTAMINANTS

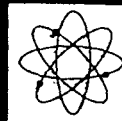
1. BASE/NEUTRAL EXTRACTABLES

X BUTYL BENZYL PHTHALATE	625
X Di-n-BUTYL PHTHALATE	625
X DIETHYL PHTHALATE	625
X DIMETHYL PHTHALATE	625
X 2,4-DINITROTOLUENE	625
X Di-n-OCTYL PHTHALATE	625
X ISOPHORONE	625

2. ACID EXTRACTABLES

X 2-CHLOROPHENOL	625
X 2-METHYL-4,6-DINITROPHENOL	625
X PHENOL	625
X 2,4,6-TRICHLOROPHENOL	625





CHEMICAL LABORATORIES INCORPORATED

**ANALYTICAL & CONSULTING CHEMISTS  
CHAIN OF CUSTODY RECORD  
DRINKING WATER 62-550**

CLIENT Central Testing Lab Client #: \_\_\_\_\_ Billing ADDRESS P.O. Box 883 PHONE 352-726-6447  
Floral City, FL 34436  
 Public Drinking Water ID # \_\_\_\_\_ Public Water System Name: Sumter Landfill

Project # \_\_\_\_\_ Public Water System Type:  Limited Use Commercial/Public  
 Community  Non\_Community  Special Non\_Community  
 PO # \_\_\_\_\_

**NOTES:**  
 Turn Around Time  
 10 Working Days \_\_\_\_\_  
 5 Working Days \_\_\_\_\_  
 3 Working Days \_\_\_\_\_  
 1 Working Day \_\_\_\_\_  
 Other

Per Site	Total	PRESERVATIVE				PLASTIC CONTAINERS						GLASS CONTAINERS							
		HNO3	NaOH	Na2S2O3	H2SO4	60 mL	125 mL	250 mL clear	500 mL	1 Liter clear	2 Liter clear	Whirl-Pak Bag	1 L Amber	40 mL	250 mL	500 mL	1 Liter AMBER	2 Liter	4 Liter
1	1	✓								✓									
1	1				✓					✓									
1	1							✓				✓							
1	1				✓														
2	14				✓			✓		✓									

Prim Inorg w/o Asb.  
 Secondaries  
 Gross ALPHA  
 TB  
 NH4  
 Rad 226, 228

Kit Relinquished: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Kit Received: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

PARAMETERS Prim. Inorganics w/p asbestos \_\_\_\_\_; Asbestos \_\_\_\_\_; NO3 \_\_\_\_\_ NO2 \_\_\_\_\_ THM \_\_\_\_\_;  
 Volatile Organics \_\_\_\_\_; Pesticides & PCBs (w/o dioxin) \_\_\_\_\_; Radiological \_\_\_\_\_; Secondary Standards \_\_\_\_\_;  
 Group I Unreg. \_\_\_\_\_; Group II Unreg. \_\_\_\_\_; Group III Unreg. \_\_\_\_\_; Lead & Copper \_\_\_\_\_.

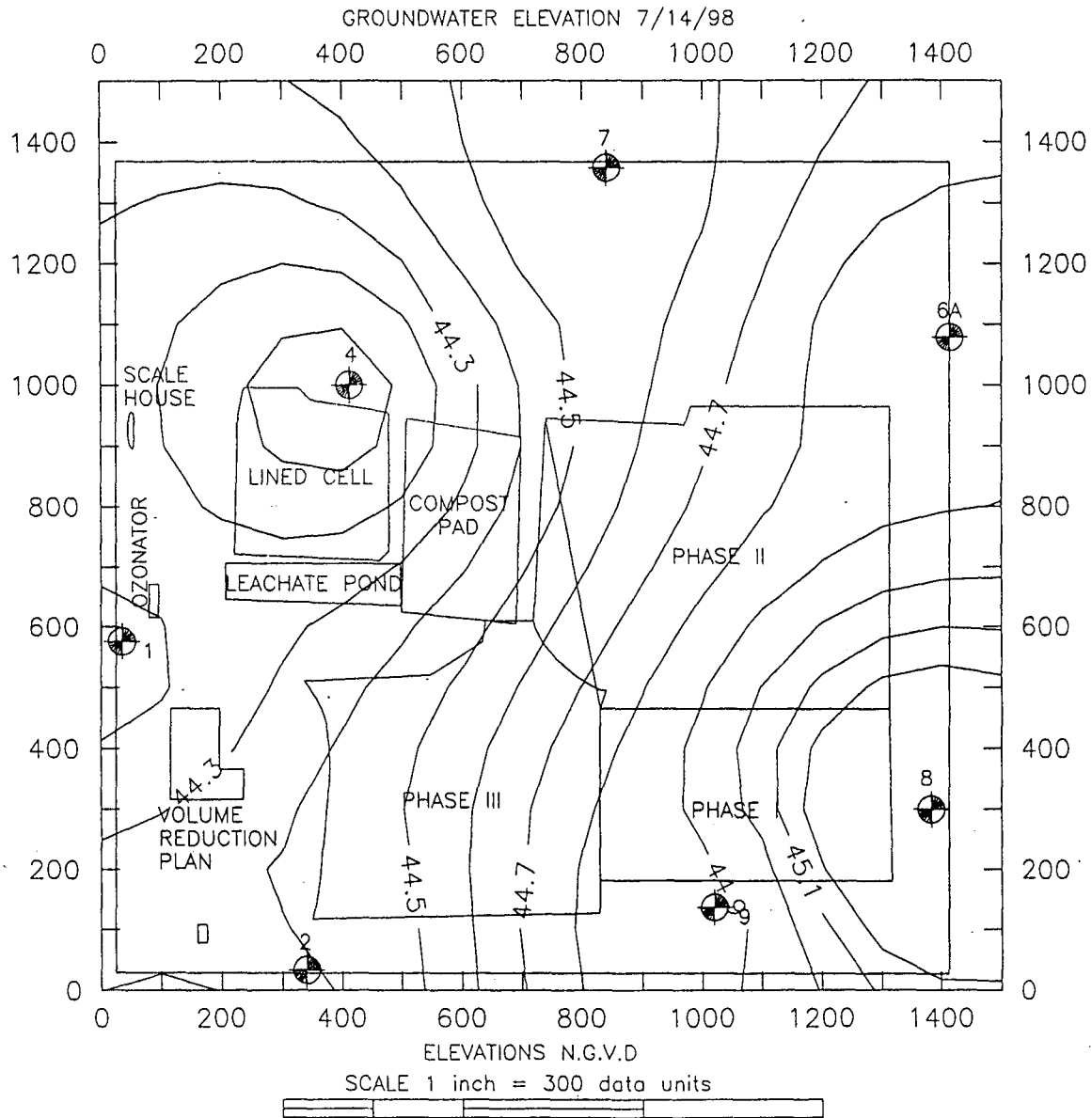
Laboratory Number 17977  
78  
79  
80  
81  
82  
17983

Client Identification/Description (As Requested)

Do Not Write In Shaded Area	#1	SL1	}	Monitoring Wells
	#2	SL2		
	#3	SL4		
	#4	SL6A		
	#5	SL7		
	#6	SL8		
	#7	SL9		
	#8			
	#9			
	#10			

Sample Collection: [Signature] Date 7/14/98 Time 8:30 - 10:30a  
 Transportation: \_\_\_\_\_  
 Lab Acceptance: [Signature] Date 7/14/98 Time 1557

# SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY



J-M  
A-J  
J-S  
D