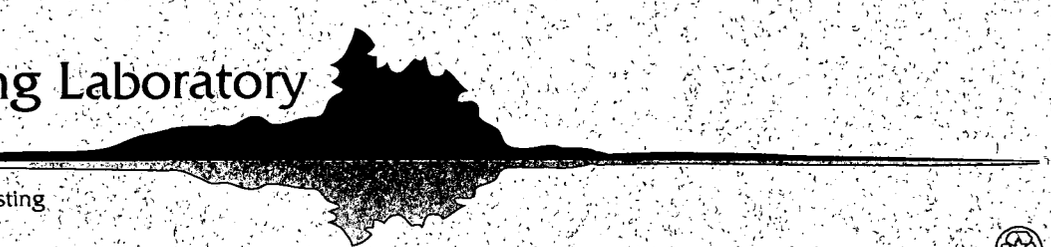
# Central Testing Laboratory



Engineering and Materials Testing

LEESBURG ◦ FLORAL CITY ◦ OCALA

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

4060C00092
WAC 53008



19 64

DEP Form # 62-522.900(2)

Form Title GROUND WATER MONITORING REPORT

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: 3-22-99

Signature of Owner or Authorized Representative

RECEIVED

APR 9 1999

Solid Waste Section

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

82545
10

94
1097

1002
1007

1012
1027

1034
951

1051
1067

620
630

929
1059

1105
940

80
1042

1045
1055

400
1077

945
70300

76
1092

610
1501

950
1150

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

GMS# 4060C00092
Monitoring Well 4060A12054 <CTRL-ALT-U>
Well Name MONITOR WELL 1
Classification of Groundwater G-II

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

WAE 4534

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
(x) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.09 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 14.4 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 150 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00744 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.000549 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.0543 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | 0.00112 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.000622 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.0148 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 0.575 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.00711 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | 0.000536 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.00436 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 0.0876 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 0.0976 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | <0.000300 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 3.84 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | 0.000154 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | .242 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 25.9 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | 20.0 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.00876 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ~~FLUORIDE~~ | GRAB | EPA 340.1 | ~~0.575~~ | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.100 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 0.799 | mg/ℓ | UNFILTERED | $HNO_3$ |

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

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

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
(x) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.09 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| | MANGANESE | GRAB | EPA 200.7 | 0.0173 | mg/ℓ | UNFILTERED | NONE |
| | ODOR | GRAB | EPA 140.1 | <1.0 | TON | UNFILTERED | NONE |
| 000400 | Ph | GRAB | EPA 150.1 | 6.02 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | 0.000172 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 4.85 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 94 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 22.0 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.0146 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | <0.01 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 9.00 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 1.60 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| UL | RADIUM 228 | GRAB | EPA 904 | <0.300 | pCi/ℓ | UNFILTERED | HNO |

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

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

WAC 4535

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 43.81 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 13.9 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 379 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00350 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.000589 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.0390 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | 0.000711 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.000412 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.00844 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 1.26 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.00481 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | <0.0002 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.00528 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 1.70 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 1.71 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | <0.000300 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 12.0 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | 0.000203 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | <0.00100 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 11.8 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | 40.0 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.0101 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 1.26 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.100 | mg/ℓ | UNFILTERED | NONE |
| | MANGANESE | GRAB | EPA 200.7 | 0.341 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 0.937 | mg/ℓ | UNFILTERED | $HNO_3$ |

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

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

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 43.81 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| | ODOR | GRAB | EPA 140.1 | <1.0 | TON | UNFILTERED | NONE |
| 000400 | Ph | GRAB | EPA 150.1 | 6.70 | ST. UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | 0.0177 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 11.6 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 326 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 52.0 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.0112 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | 0.0638 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 5.50 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 0.900 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | <0.300 | pCi/ℓ | UNFILTERED | $HNO_3$ |

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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

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

WAC 4537

Sample Date 02-02-99
Well Type ( ) Background
(x) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 43.78 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 16.5 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 1165 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00233 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.00177 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.258 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | 0.00387 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.00706 | µg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.0717 | µg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 1.36 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.0374 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | 0.000759 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.0220 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 21.3 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | 0.260 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 21.560 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | 0.00254 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 73.0 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | 0.00168 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | 1.48 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 32.9 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | 500.0 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.0188 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 1.36 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.1 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 1.90 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MANGANESE | GRAB | EPA 200.7 | 0.0466 | mg/ℓ | UNFILTERED | NONE |
| | ODOR | GRAB | EPA 140.1 | <1.0 | TON | UNFILTERED | NONE |

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DER Form 17-1.216(2)
Effective January 1, 1983

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

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

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

Sample Date 02-02-99
Well Type ( ) Background
(x) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 43.78 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000400 | Ph | GRAB | EPA 150.1 | 6.53 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | 0.000513 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 16.7 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 693 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 370.0 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.0381 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | 0.0872 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 1.10 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 0.200 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | 2.50 | pCi/ℓ | UNFILTERED | $HNO_3$ |

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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 6A
Classification of Groundwater G-II

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

3955 WAE 4057

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
( ) Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 45.87 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERVATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 13.1 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 339 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00222 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.000956 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.0833 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | 0.000372 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.00223 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.0413 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 0.834 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.00911 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | 0.000290 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.0131 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 4.83 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 4.84 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | 0.00109 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 3.87 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | <0.0001 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | 2.97 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 28.2 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | 200.00 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.00928 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 0.834 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.1 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 1.13 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MANGANESE | GRAB | EPA 200.7 | 0.0357 | mg/ℓ | UNFILTERED | NONE |
| | ODOR | GRAB | EPA 140.1 | <1.0 | TON | UNFILTERED | NONE |

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DER Form 17-1.216(2)
Effective January 1, 1983

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

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

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

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
( ) Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 45.87 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000400 | Ph | GRAB | EPA 150.1 | 7.05 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | 0.0304 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 9.25 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 270 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 450.0 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.0172 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | 0.0209 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 21.0 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 2.50 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | 4.50 | pCi/ℓ | UNFILTERED | $HNO_3$ |

*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

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

WAC 4564

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
( ) Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 44.14 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 13.5 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 358 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00180 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.000339 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.00498 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | <0.000100 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.000252 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.00871 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 0.611 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.000216 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | 0.00132 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.00148 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 1.35 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 1.36 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | 0.000481 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 4.03 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | <0.0001 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | 0.161 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 25.9 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | <5.00 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.00150 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 0.611 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.1 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 0.0276 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MANGANESE | GRAB | EPA 200.7 | <0.0005 | mg/ℓ | UNFILTERED | NONE |
| | ODOR | GRAB | EPA 140.1 | <1.00 | TON | UNFILTERED | NONE |

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

DER Form 17-1.216(2)
Effective January 1, 1983

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

GMS# 4060C00092
Monitoring Well 4060A14304
Well Name MONITOR WELL 7
Classification of Groundwater G-II

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

Sample Date 02-02-99
Well Type ( ) Background
( ) Site Boundary
( ) Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 44.14 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000400 | Ph | GRAB | EPA 150.1 | 6.85 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | <0.00005 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 4.60 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 260 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 2.80 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.00257 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | <0.01 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 1.00 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 0.500 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | 0.300 | pCi/ℓ | UNFILTERED | $HNO_3$ |

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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 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

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

WAE 4592

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.93 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 13.6 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 617 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00100 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.000367 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.00587 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | <0.0001 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.000170 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.0125 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 0.834 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.000138 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | 0.000356 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.00179 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 0.0662 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 0.0762 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | 0.000445 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 4.51 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | <0.0001 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | 0.0618 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 18.8 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | <5.00 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.00141 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 0.834 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.1 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 0.0215 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MANGANESE | GRAB | EPA 200.7 | <0.0005 | mg/ℓ | UNFILTERED | NONE |
| | ODOR | GRAB | EPA 140.1 | <1 | TON | UNFILTERED | NONE |

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DER Form 17-1.216(2)
Effective January 1, 1983

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

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

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

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.93 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000400 | Ph | GRAB | EPA 150.1 | 6.52 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | <0.00005 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 5.10 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 244 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 0.470 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.00214 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | 0.0158 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 2.70 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 266 | GRAB | EPA 903.1 | 0.500 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | 0.500 | pCi/ℓ | UNFILTERED | $HNO_3$ |

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

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

WAC 4593

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.28 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000010 | TEMPERATURE | GRAB | EPA 170.1 | 13.8 | °C | UNFILTERED | NONE |
| 000095 | SPECIFIC CONDUCTANCE | GRAB | EPA 120.1 | 1170 | umhos | UNFILTERED | NONE |
| | ANTIMONY | GRAB | EPA 204.2 | 0.00135 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ARSENIC | GRAB | EPA 206.3 | 0.00137 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BARIUM | GRAB | EPA 200.7 | 0.0122 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | BERYLLIUM | GRAB | EPA 210.1 | <0.0001 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 001027 | CADMIUM | GRAB | EPA 200.7 | 0.000223 | µg/ℓ | UNFILTERED | $HNO_3$ |
| 001034 | CHROMIUM | GRAB | EPA 200.7 | 0.0273 | µg/ℓ | UNFILTERED | $HNO_3$ |
| | CYANIDE | GRAB | EPA 335.2 | <0.005 | mg/ℓ | UNFILTERED | NaOH |
| | FLUORIDE | GRAB | EPA 340.2 | 1.08 | mg/ℓ | UNFILTERED | NONE |
| | LEAD | GRAB | EPA 239.1 | 0.000346 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MERCURY | GRAB | EPA 245.1 | <0.0002 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | NICKEL | GRAB | EPA 200.7 | 0.00711 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000620 | NITRATE | GRAB | EPA 353.1 | 0.0575 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | NITRITE | GRAB | EPA 354.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | TOTAL NITRATE AND NITRITE | GRAB | EPA 343.1 | 0.0675 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | SELENIUM | GRAB | EPA 270.3 | 0.000546 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 000929 | SODIUM | GRAB | EPA 200.7 | 10.1 | mg/ℓ | UNFILTERED | NONE |
| | THALLIUM | GRAB | EPA 279.2 | 0.000174 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | ALUMINUM | GRAB | EPA 200.7 | 0.161 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | CHLORIDE | GRAB | EPA 325.3 | 23.5 | mg/ℓ | UNFILTERED | NONE |
| 000080 | COLOR | GRAB | EPA 110.1 | 70.00 | PTU | UNFILTERED | NONE |
| | COPPER | GRAB | EPA 220.1 | 0.00166 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | FLUORIDE | GRAB | EPA 340.1 | 1.08 | mg/ℓ | UNFILTERED | NONE |
| | FOAMING AGENTS | GRAB | EPA 425.1 | <0.100 | mg/ℓ | UNFILTERED | NONE |
| 900219 | IRON | GRAB | EPA 236.1 | 0.415 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | MANGANESE | GRAB | EPA 903.1 | 0.00840 | mg/ℓ | UNFILTERES | NONE |
| | ODOR | GRAB | EPA 140.1 | <1 | TON | UNFILTERED | NONE |

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DER Form 17-1.216(2)
Effective January 1, 1983

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

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

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

Sample Date 02-02-99
Well Type (x) Background
( ) Site Boundary
( ) Intermediate
( ) Compliance
Groundwater Elevation
(above MSL) 44.28 ft.

| STORET CODE | PARAMETER MONITORED | SAMPLING METHOD | ANALYSIS METHOD | ANALYSIS RESULTS | UNITS | SAMPLE FILTERED/ UNFILTERED | PRESERV ATIVES ADDED |
|---|---|---|---|---|---|---|---|
| 000400 | Ph | GRAB | EPA 150.1 | 6.00 | ST.UN. | UNFILTERED | $HNO_3$ |
| | SILVER | GRAB | EPA 200.7 | <0.00005 | mg/ℓ | UNFILTERED | NONE |
| 000945 | SULFATE | GRAB | EPA 300.0 | 4.80 | mg/ℓ | UNFILTERED | $HNO_3$ |
| 070300 | TOTAL DISSOLVED SOLIDS | GRAB | EPA 160.1 | 623 | mg/ℓ | UNFILTERED | NONE |
| 082079 | TURBIDITY | GRAB | EPA 180.1 | 7.60 | NTU | UNFILTERED | NONE |
| 900221 | ZINC | GRAB | EPA 289.1 | 0.0150 | mg/ℓ | UNFILTERED | $HNO_3$ |
| | AMMONIUM | GRAB | EPA 350.1 | <0.0100 | mg/ℓ | UNFILTERED | $H_2SO_4$ |
| | GROSS ALPHA Excl. Ra & U | GRAB | EPA 900 | 37.0 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 226 | GRAB | EPA 903.1 | 7.70 | pCi/ℓ | UNFILTERED | $HNO_3$ |
| | RADIUM 228 | GRAB | EPA 904 | 0.600 | pCi/ℓ | UNFILTERED | $HNO_3$ |

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

DER Form 17-1.216(2)
Effective January 1, 1983

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14169 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.000549 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.0543 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.000622 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.0148 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 0.575 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.00711 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | 0.000356 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.00436 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 0.0876 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | <0.000300 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 3.84 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00744 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | 0.00112 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | 0.000154 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 0.242 |
| Chloride | mg/L | 0.100 | | | 25.9 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.00867 |
| Fluoride | mg/L | 0.0100 | | | 0.575 |
| Iron | mg/L | 0.00400 | 114. | .750 | 0.799 |
| Manganese | mg/L | 0.000500 | 108. | .320 | 0.0173 |
| Silver | mg/L | 0.0000500 | 102. | .680 | 0.000172 |
| Sulfate | mg/L | 1.00 | | | 4.85 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.0146 |

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

481 NEWBURYPORT AVE.
ALTAMONTE SPRINGS,
FLORIDA 32701
P.O. BOX 150597
ALTAMONTE SPRINGS,
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110
WEB: www.flowerslabs.com

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14169 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | 20.0 |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 6.15 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 94.0 |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 22.0 |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | <0.0100 |
| Gross alpha | pCi/L | 0.100 | | | 9.00 |
| Analysis Error | pCi/L | 0.100 | | | 0.600 |
| 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 | | | <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 | | | 14.4 |
| Field Conductivity | umhos/c | 0.0100 | | | 150. |
| Field pH (units) | pH | 0.0100 | | | 6.02 |

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



481 NEWBURYPORT AVE.
ALTAMONTE SPRINGS,
FLORIDA 32701
P.O. BOX 150597
ALTAMONTE SPRINGS,
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110
WEB: www.flowerslabs.com

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14170 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.000589 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.0390 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.000412 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.00844 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 1.26 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.00481 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | <0.000200 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.00528 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 1.70 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | <0.000300 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 12.0 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00350 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | 0.000711 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | 0.000203 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | <0.00100 |
| Chloride | mg/L | 0.100 | | | 11.8 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.0101 |
| Fluoride | mg/L | 0.0100 | | | 1.26 |
| Iron | mg/L | 0.00400 | 114. | .750 | 0.937 |
| Manganese | mg/L | 0.000500 | 108. | .320 | 0.341 |
| Silver | mg/L | 0.0000500 | 102. | .680 | 0.0177 |
| Sulfate | mg/L | 1.00 | | | 11.6 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.0112 |

Data Release Authorization
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FAX: (407) 260-611C
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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14170 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | 40.0 |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 7.15 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 326. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 52.0 |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | 0.0638 |
| Gross alpha | pCi/L | 0.100 | | | 5.50 |
| 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 | | | 0.900 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.200 |
| Radium 228 | pCi/L | 0.300 | | | <0.300 |
| Analysis_Error(228) | pCi/L | 0.300 | | | 0.600 |
| Man-made beta & phot | pCi/L | 0.100 | | | - |
| Analysis_Error(beta | pCi/L | 0.100 | | | - |
| Field Temp. (C) | oC | 1.00 | | | 13.9 |
| Field Conductivity | umhos/c | 0.0100 | | | 379. |
| Field pH (units) | pH | 0.0100 | | | 6.70 |

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Received From:
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PO Box 883
FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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: SL4
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14171 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.00177 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.258 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.00706 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.0717 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 1.36 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.0374 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | 0.000759 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.0220 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 21.3 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | 0.260 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | 0.00254 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 73.0 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00233 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | 0.00387 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | 0.00168 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 1.48 |
| Chloride | mg/L | 0.100 | | | 32.9 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.0188 |
| Fluoride | mg/L | 0.0100 | | | 1.36 |
| Iron | mg/L | 0.00400 | 114. | .750 | 1.90 |
| Manganese | mg/L | 0.000500 | 108. | .320 | 0.0466 |
| Silver | mg/L | 0.0000500 | 102. | .680 | 0.000513 |
| Sulfate | mg/L | 1.00 | | | 16.7 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.0381 |

Data Release Authorization

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Received From:
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FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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: SL4
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14171 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | 500. |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 7.05 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 693. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 370. |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | 0.0872 |
| Gross alpha | pCi/L | 0.100 | | | 1.10 |
| 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 | | | 0.200 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.200 |
| Radium 228 | pCi/L | 0.300 | | | 2.50 |
| Analysis_Error(228) | pCi/L | 0.300 | | | 2.60 |
| Man-made beta & phot | pCi/L | 0.100 | | | - |
| Analysis_Error(beta | pCi/L | 0.100 | | | - |
| Field Temp. (C) | oC | 1.00 | | | 16.5 |
| Field Conductivity | umhos/c | 0.0100 | | | 1170 |
| Field pH (units) | pH | 0.0100 | | | 6.53 |

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14172 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.000956 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.0833 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.00223 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.0413 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 0.834 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.00911 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | 0.000290 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.0131 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 4.83 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | 0.00109 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 3.87 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00222 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | 0.000372 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | <0.000100 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 2.97 |
| Chloride | mg/L | 0.100 | | | 28.2 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.00928 |
| Fluoride | mg/L | 0.0100 | | | 0.834 |
| Iron | mg/L | 0.00400 | 114. | .750 | 1.13 |
| Manganese | mg/L | 0.000500 | 108. | .320 | 0.0357 |
| Silver | mg/L | 0.0000500 | 102. | .680 | 0.0304 |
| Sulfate | mg/L | 1.00 | | | 9.25 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.0172 |

Data Release Authorization

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FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14172 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | 200. |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 7.85 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 270. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 450. |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | 0.0209 |
| Gross alpha | pCi/L | 0.100 | | | 21.0 |
| 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 | | | 2.50 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.600 |
| Radium 228 | pCi/L | 0.300 | | | 4.50 |
| Analysis_Error(228) | pCi/L | 0.300 | | | 2.80 |
| Man-made beta & phot | pCi/L | 0.100 | | | - |
| Analysis_Error(beta | pCi/L | 0.100 | | | - |
| Field Temp. (C) | oC | 1.00 | | | 13.1 |
| Field Conductivity | umhos/c | 0.0100 | | | 339. |
| Field pH (units) | pH | 0.0100 | | | 7.05 |

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14173 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.000339 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.00498 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.000252 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.00871 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 0.611 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.000216 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | 0.00132 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.00148 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 1.35 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | 0.000481 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 4.03 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00180 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | <0.000100 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | <0.000100 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 0.161 |
| Chloride | mg/L | 0.100 | | | 25.9 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.00150 |
| Fluoride | mg/L | 0.0100 | | | 0.611 |
| Iron | mg/L | 0.00400 | 114. | .750 | 0.0276 |
| Manganese | mg/L | 0.000500 | 108. | .320 | <0.000500 |
| Silver | mg/L | 0.0000500 | 102. | .680 | <0.0000500 |
| Sulfate | mg/L | 1.00 | | | 4.60 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.00257 |

Data Release Authorization

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Received From:
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FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14173 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | <5.00 |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 7.60 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 260. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 2.80 |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | <0.0100 |
| Gross alpha | pCi/L | 0.100 | | | 1.00 |
| Analysis Error | pCi/L | 0.100 | | | 1.00 |
| Photon emitters | pCi/L | 0.100 | | | - |
| Analysis_Error(Photo | pCi/L | 0.100 | | | - |
| Radium 226 | pCi/L | 0.100 | | | 0.500 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.100 |
| Radium 228 | pCi/L | 0.300 | | | 0.300 |
| 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 | | | 13.5 |
| Field Conductivity | umhos/c | 0.0100 | | | 358. |
| Field pH (units) | pH | 0.0100 | | | 6.85 |

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Received From:
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Date Reported : Mar12 1999
Project Number : Sumter Landfill
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: SL8
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14174 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.000367 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.00587 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.000170 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.0125 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 0.834 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.000138 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | 0.000356 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.00179 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 0.0662 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | 0.000445 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 4.51 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00100 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | <0.000100 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | <0.000100 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 0.0618 |
| Chloride | mg/L | 0.100 | | | 18.8 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.00141 |
| Fluoride | mg/L | 0.0100 | | | 0.834 |
| Iron | mg/L | 0.00400 | 114. | .750 | 0.0215 |
| Manganese | mg/L | 0.000500 | 108. | .320 | <0.000500 |
| Silver | mg/L | 0.0000500 | 102. | .680 | <0.0000500 |
| Sulfate | mg/L | 1.00 | | | 5.10 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.00214 |

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

481 NEWBURYPORT AVE.
ALTAMONTE SPRINGS,
FLORIDA 32701
P.O. BOX 150597
ALTAMONTE SPRINGS,
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110
WEB: www.flowerslabs.com

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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: SL8
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14174 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | <5.00 |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 5.80 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 244. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 0.470 |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | 0.0158 |
| Gross alpha | pCi/L | 0.100 | | | 2.70 |
| Analysis Error | pCi/L | 0.100 | | | 1.30 |
| Photon emitters | pCi/L | 0.100 | | | - |
| Analysis_Error(Photo | pCi/L | 0.100 | | | - |
| Radium 226 | pCi/L | 0.100 | | | 0.500 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.100 |
| Radium 228 | pCi/L | 0.300 | | | 0.500 |
| 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 | | | 13.6 |
| Field Conductivity | umhos/c | 0.0100 | | | 617. |
| Field pH (units) | pH | 0.0100 | | | 6.52 |

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FLOWERS
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LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14175 |
|---|---|---|---|---|---|
| Arsenic | mg/L | 0.0000500 | 126. | 3.40 | 0.00137 |
| Barium | mg/L | 0.000400 | 103. | 3.35 | 0.0122 |
| Cadmium | mg/L | 0.0000500 | 125. | 3.57 | 0.000223 |
| Chromium | mg/L | 0.000200 | 112. | 2.94 | 0.0273 |
| Cyanide | mg/L | 0.00500 | 106. | .000 | <0.00500 |
| Fluoride | mg/L | 0.0100 | 96.6 | 20.8 | 1.08 |
| Lead | mg/L | 0.000100 | 99.9 | 1.22 | 0.000346 |
| Mercury | mg/L | 0.000200 | 103. | 13.2 | <0.000200 |
| Nickel | mg/L | 0.000200 | 113. | 6.58 | 0.00711 |
| Nitrate(as N) | mg/L | 0.0200 | 80.9 | 7.80 | 0.0575 |
| Nitrite(as N) | mg/L | 0.0100 | 105. | 20.6 | <0.0100 |
| Selenium | mg/L | 0.000300 | 92.5 | 5.04 | 0.000546 |
| Sodium | mg/L | 0.0100 | 103. | .140 | 10.1 |
| Antimony | mg/L | 0.000200 | 118. | 1.46 | 0.00135 |
| Beryllium | mg/L | 0.000100 | 125. | 2.50 | <0.000100 |
| Thallium | mg/L | 0.000100 | 100. | 1.42 | 0.000174 |
| Asbestos | MF/L | 1.00 | | | - |
| Aluminum | mg/L | 0.00100 | 112. | 6.31 | 0.161 |
| Chloride | mg/L | 0.100 | | | 23.5 |
| Copper | mg/L | 0.000200 | 111. | 5.25 | 0.00166 |
| Fluoride | mg/L | 0.0100 | | | 1.08 |
| Iron | mg/L | 0.00400 | 114. | .750 | 0.415 |
| Manganese | mg/L | 0.000500 | 108. | .320 | 0.00840 |
| Silver | mg/L | 0.0000500 | 102. | .680 | <0.0000500 |
| Sulfate | mg/L | 1.00 | | | 4.80 |
| Zinc | mg/L | 0.000700 | 131. | 2.92 | 0.0150 |

Data Release Authorization

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President/Technical Director

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FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
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:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

| Parameter | Unit | Method Detection Limit | %ACC | %PRC | 14175 |
|---|---|---|---|---|---|
| Color (color units) | PCU | 5.00 | | | 70.0 |
| Odor (total odor num | TON | 1.00 | | | <1.00 |
| pH | pH | 0.0100 | 100. | .620 | 6.50 |
| TDS | mg/L | 2.50 | 135. | 7.28 | 623. |
| Foaming_Agents | mg/L | 0.100 | 59.4 | .170 | <0.100 |
| Turbidity | NTU | 0.0500 | 115. | 8.04 | 7.60 |
| Ammonia(as N) | mg/L | 0.0100 | 95.1 | 21.0 | <0.0100 |
| Gross alpha | pCi/L | 0.100 | | | 37.0 |
| Analysis Error | pCi/L | 0.100 | | | 6.00 |
| Photon emitters | pCi/L | 0.100 | | | - |
| Analysis_Error(Photo | pCi/L | 0.100 | | | - |
| Radium 226 | pCi/L | 0.100 | | | 7.70 |
| Analysis_Error(226) | pCi/L | 0.100 | | | 0.700 |
| Radium 228 | pCi/L | 0.300 | | | 0.600 |
| Analysis_Error(228) | pCi/L | 0.300 | | | 1.10 |
| Man-made beta & phot | pCi/L | 0.100 | | | - |
| Analysis_Error(beta | pCi/L | 0.100 | | | - |
| Field Temp. (C) | oC | 1.00 | | | 13.8 |
| Field Conductivity | umhos/c | 0.0100 | | | 1170 |
| Field pH (units) | pH | 0.0100 | | | 6.00 |

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 .
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President/Technical Director



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1199

FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

| Parameter | Symbol | Unit | SL1 14169 | SL2 14170 | SL4 14171 | SL6A 14172 | SL7 14173 | SL8 14174 | SL9 14175 | | | | QA Method | QA MDL | Section %RSD | Section %Rec | Analys | Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Arsenic | • | mg/L | 0.000549 | 0.000589 | 0.00177 | 0.000956 | 0.000339 | 0.000367 | 0.00137 | | | | EPA200.8 | 0.00005 | 3.4062961 | 126.722 | LSM | 02-04-99 |
| Barium | • | mg/L | 0.0543 | 0.0390 | 0.258 | 0.0833 | 0.00498 | 0.00587 | 0.0122 | | | | EPA200.8 | 0.0004 | 3.3567287 | 103.84 | LSM | 02-04-99 |
| Cadmium | • | mg/L | 0.000622 | 0.000412 | 0.00706 | 0.00223 | 0.000252 | 0.000170 | 0.000223 | | | | EPA200.8 | 0.00005 | 3.5728027 | 125.696 | LSM | 02-04-99 |
| Chromium | • | mg/L | 0.0148 | 0.00844 | 0.0717 | 0.0413 | 0.00871 | 0.0125 | 0.0273 | | | | EPA200.8 | 0.0002 | 2.9453897 | 112.58 | LSM | 02-04-99 |
| Cyanide | • | mg/L | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | | | | SM4500-C | 0.005 | 0 | 106.14539 | DRP | 02-08-99 |
| Fluoride | • | mg/L | 0.575 | 1.26 | 1.36 | 0.834 | 0.611 | 0.834 | 1.08 | | | | SM4500F | 0.01 | 20.879889 | 96.698679 | YGS | 03-08-99 |
| Lead | • | mg/L | 0.00711 | 0.00481 | 0.0374 | 0.00911 | 0.000216 | 0.000138 | 0.000346 | | | | EPA200.8 | 0.0001 | 1.2254580 | 99.968 | LSM | 02-04-99 |
| Mercury | • | mg/L | 0.000356 | <0.0002 | 0.000759 | 0.000290 | 0.00132 | 0.000356 | <0.0002 | | | | EPA245.1 | 0.0002 | 13.298876 | 103.60360 | EVB | 02-10-99 |
| Nickel | • | mg/L | 0.00436 | 0.00528 | 0.0220 | 0.0131 | 0.00148 | 0.00179 | 0.00711 | | | | EPA200.8 | 0.0002 | 6.5877599 | 113.44 | LSM | 02-04-99 |
| Nitrate(as N) | • | mg/L | 0.0876 | 1.70 | 21.3 | 4.83 | 1.35 | 0.0662 | 0.0575 | | | | EPA300.0 | 0.02 | 7.8091385 | 80.997349 | YGS | 02-05-99 |
| Nitrite(as N) | • | mg/L | <0.01 | <0.01 | 0.260 | <0.01 | <0.01 | <0.01 | <0.01 | | | | EPA353.2 | 0.01 | 20.604964 | 105.71778 | TJW | 02-03-99 |
| Selenium | • | mg/L | <0.0003 | <0.0003 | 0.00254 | 0.00109 | 0.000481 | 0.000445 | 0.000546 | | | | EPA200.8 | 0.0003 | 5.0428333 | 92.558666 | LSM | 02-04-99 |
| Sodium | • | mg/L | 3.84 | 12.0 | 73.0 | 3.87 | 4.03 | 4.51 | 10.1 | | | | EPA200.7 | 0.01 | 0.1475336 | 103 | EVB | 02-03-99 |
| Antimony | • | mg/L | 0.00744 | 0.00350 | 0.00233 | 0.00222 | 0.00180 | 0.00100 | 0.00135 | | | | EPA200.8 | 0.0002 | 1.4627367 | 118.4 | LSM | 02-04-99 |
| Beryllium | • | mg/L | 0.00112 | 0.000711 | 0.00387 | 0.000372 | <0.0001 | <0.0001 | <0.0001 | | | | EPA200.8 | 0.0001 | 2.5006598 | 125.6 | LSM | 02-04-99 |
| Thallium | • | mg/L | 0.000154 | 0.000203 | 0.00168 | <0.0001 | <0.0001 | <0.0001 | 0.000174 | | | | EPA200.8 | 0.0001 | 1.4216156 | 100.4 | LSM | 02-04-99 |
| Asbestos | • | MF/L | | | | | | | | | | | TEM | 1 | | | | |
| Aluminum | • | mg/L | 0.242 | <0.001 | 1.48 | 2.97 | 0.161 | 0.0618 | 0.161 | | | | EPA200.8 | 0.001 | 6.3160997 | 112.1 | LSM | 02-12-99 |
| Chloride | • | mg/L | 25.9 | 11.8 | 32.9 | 28.2 | 25.9 | 18.8 | 23.5 | | | | EPA300 | 0.1 | | | TRB | 02-26-99 |
| Copper | • | mg/L | 0.00867 | 0.0101 | 0.0188 | 0.00928 | 0.00150 | 0.00141 | 0.00166 | | | | EPA200.8 | 0.0002 | 5.2541902 | 111.4 | LSM | 02-04-99 |
| Fluoride | • | mg/L | 0.575 | 1.26 | 1.36 | 0.834 | 0.611 | 0.834 | 1.08 | | | | SM4500F | 0.01 | | | YGS | 03-08-99 |
| Iron | • | mg/L | 0.799 | 0.937 | 1.90 | 1.13 | 0.0276 | 0.0215 | 0.415 | | | | EPA200.7 | 0.004 | 0.7505986 | 114.662 | EVB | 02-03-99 |
| Manganese | • | mg/L | 0.0173 | 0.341 | 0.0466 | 0.0357 | <0.0005 | <0.0005 | 0.00840 | | | | EPA200.7 | 0.0005 | 0.3265519 | 108.2 | EVB | 02-03-99 |
| Silver | • | mg/L | 0.000172 | 0.0177 | 0.000513 | 0.0304 | <0.00005 | <0.00005 | <0.00005 | | | | EPA200.8 | 0.00005 | 0.6886815 | 102.4 | LSM | 02-04-99 |
| Sulfate | • | mg/L | 4.85 | 11.6 | 16.7 | 9.25 | 4.60 | 5.10 | 4.80 | | | | EPA375.4 | 1 | | | DPL | 02-08-99 |
| Zinc | • | mg/L | 0.0146 | 0.0112 | 0.0381 | 0.0172 | 0.00257 | 0.00214 | 0.0150 | | | | EPA200.8 | 0.0007 | 2.9223233 | 131.86 | LSM | 02-04-99 |
| Color (color units) | • | PCU | 20.0 | 40.0 | 500 | 200 | <5 | <5 | 70.0 | | | | SM2120B | 5 | | | TRB | 02-02-99 |
| Odor (total odor number) | • | TON | <1 | <1 | <1 | <1 | <1 | <1 | <1 | | | | SM2150B | 1 | | | TRB | 02-02-99 |
| pH (units) | • | pH | 6.15 | 7.15 | 7.05 | 7.85 | 7.60 | 5.80 | 6.50 | | | | EPA150.1 | 0.01 | 0.6210215 | 100 | TRB | 02-02-99 |
| Total Dissovled Solids | • | mg/L | 94.0 | 326 | 693 | 270 | 260 | 244 | 623 | | | | SM2540C | 2.5 | 7.2822834 | 135.49999 | DPL | 02-03-99 |
| Foaming Agents | • | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | | | | SM5540C | 0.1 | 0.1767350 | 59.493363 | TRB | 02-03-99 |
| Turbidity | • | NTU | 22.0 | 52.0 | 370 | 450 | 2.80 | 0.470 | 7.60 | | | | EPA180.1 | 0.05 | 8.0450522 | 115 | TRB | 02-03-99 |
| Ammonium(as N) | • | mg/L | <0.01 | 0.0638 | 0.0872 | 0.0209 | <0.01 | 0.0158 | <0.01 | | | | EPA350.1 | 0.01 | 21.012684 | 95.105383 | TJW | 02-04-99 |
| Gross alpha | • | pCi/L | 9 | 5.5 | 1.1 | 21 | 1 | 2.7 | 37 | | | | EPA900 | 0.1 | | | CJS | 03-10-99 |
| Analysis_Error(Ga) | • | pCi/L | 0.6 | 0.8 | 0.8 | 3 | 1 | 1.3 | 6 | | | | EPA900 | 0.1 | | | CJS | 03-10-99 |
| Photon emitters | • | pCi/L | | | | | | | | | | | - | 0.1 | | | | |
| Analysis_Error(Photon) | • | pCi/L | | | | | | | | | | | - | 0.1 | | | | |
| Radium-226 | • | pCi/L | 1.6 | 0.9 | 0.2 | 2.5 | 0.5 | 0.5 | 7.7 | | | | EPA903.1 | 0.1 | | | CJS | 03-10-99 |
| Analysis_Error(226) | • | pCi/L | 0.2 | 0.2 | 0.2 | 0.6 | 0.1 | 0.1 | 0.7 | | | | EPA903.1 | 0.1 | | | CJS | 03-10-99 |
| Radium-228 | • | pCi/L | <0.3 | 0.2 | 2.5 | 4.5 | 0.3 | 0.5 | 0.6 | | | | EPA904 | 0.3 | | | CJS | 03-10-99 |
| Analysis_Error(228) | • | pCi/L | 0.5 | 0.6 | 2.6 | 2.8 | 0.6 | 0.6 | 1.1 | | | | EPA904 | 0.3 | | | CJS | 03-10-99 |
| Man-made beta & photon | • | pCi/L | - | - | - | - | - | - | - | | | | EPA900 | 0.1 | | | CJS | 03-10-99 |
| Analysis_Error(beta & phc | • | pCi/L | - | - | - | - | - | - | - | | | | EPA900 | 0.1 | | | CJS | 03-10-99 |
| Field Temp. (C) | • | oC | 14.4 | 13.9 | 16.5 | 13.1 | 13.5 | 13.6 | 13.8 | | | | - | 1 | | | | |
| Field Conductivity | • | umhos/cm | 150 | 379 | 1165 | 339 | 358 | 617 | 1170 | | | | - | 0.01 | | | | |
| Field pH (units) | • | pH | 6.02 | 6.70 | 6.53 | 7.05 | 6.85 | 6.52 | 6.00 | | | | EPA150.1 | 0.01 | | | | |

Date Received: 02-02-99 Typed: 03-12-99 Sent: 03-12-99

Project Number Sumter Landfill

PO Number N/A

Date Sampled 1 02-02-99 •

| | | |
|---|---|---|
| Date Analyzed | 0 | |
| Compacted | 1 | |
| Format | NormRR | |
| Unit Cost | Exted | |
| Secs93 | 8500 | 7 * |
| Inc93 | 9500 | 7 * |
| GA | 4000 | 7 * |
| Ra226228 | 27000 | 7 * |
| TB | 700 | 7 * |
| NH4 | 1200 | 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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1074 | Antimony | 14169 | 0.00744 | EPA200.8 | 0.0002 | 0.006 | 2/4/1999 |
| 1002 | Aluminum | 14169 | 0.242 | EPA200.8 | 0.001 | 0.2 | 2/12/1999 |
| 1028 | Iron | 14169 | 0.799 | EPA200.7 | 0.004 | 0.3 | 2/3/1999 |
| 1905 | Color (color units) | 14169 | 20.0 | SM2120B | 5 | 15 | 2/2/1999 |
| 1925 | pH | 14169 | 6.15 | EPA150.1 | 0.01 | 6.5 - 8.5 | 2/2/1999 |
| 4000 | Gross alpha | 14169 | 9.00 | EPA900 | 0.1 | 5 | 3/10/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14169 | 1.60 | EPA903.1 | 0.1 | 0 | 3/10/1999 |

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 Landfill

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):* 2/2/99 *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 6/30/99

Address: PO Box 150-597 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: 14169

Date Sample(s) Recieved: 2/2/99 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.

Signature:_____

Title: Technical Director Date: 3/12/99

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 Offical:_____

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 | 14169 | 0.000549 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14169 | 0.0543 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14169 | 0.000622 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14169 | 0.0148 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14169 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14169 | 0.575 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14169 | 0.00711 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14169 | 0.000356 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14169 | 0.00436 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14169 | 0.0876 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14169 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14169 | <0.0003 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14169 | 3.84 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14169 | 0.00744 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14169 | 0.00112 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14169 | 0.000154 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14169 | | 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 | 14169 | 0.242 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14169 | 25.9 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14169 | 0.00867 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14169 | 0.575 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14169 | 0.799 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14169 | 0.0173 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14169 | 0.000172 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14169 | 4.85 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14169 | 0.0146 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14169 | 20.0 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14169 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14169 | 6.15 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14169 | 94.0 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14169 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14169 | 9.00 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14169 | 0.600 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14169 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14169 | | - | 0.1 | | |
| 4020 | Radium-226 | 14169 | 1.60 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14169 | 0.200 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14169 | <0.3 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14169 | 0.500 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14169 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14169 | | EPA900 | 0.1 | | 03-10-99 |

# 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 | 14170 | 0.937 | EPA200.7 | 0.004 | 0.3 | 2/3/1999 |
| 1032 | Manganese | 14170 | 0.341 | EPA200.7 | 0.0005 | 0.05 | 2/3/1999 |
| 1905 | Color (color units) | 14170 | 40.0 | SM2120B | 5 | 15 | 2/2/1999 |
| 4000 | Gross alpha | 14170 | 5.50 | EPA900 | 0.1 | 5 | 3/10/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14170 | 0.900 | EPA903.1 | 0.1 | 0 | 3/10/1999 |
| 4030 | Radium-228 | 14170 | 0.200 | EPA904 | 0.3 | 0 | 3/10/1999 |

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 Landfill

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): 2/2/99 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 6/30/99

Address: PO Box 150-597 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: 14170

Date Sample(s) Recieved: 2/2/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

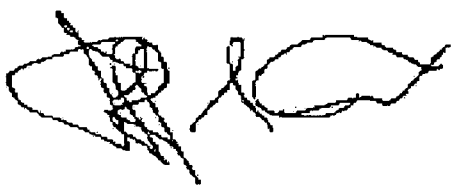
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes

| 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<br>( ) 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: 3/12/99

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 Offical:_____

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 | 14170 | 0.000589 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14170 | 0.0390 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14170 | 0.000412 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14170 | 0.00844 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14170 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14170 | 1.26 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14170 | 0.00481 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14170 | <0.0002 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14170 | 0.00528 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14170 | 1.70 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14170 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14170 | <0.0003 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14170 | 12.0 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14170 | 0.00350 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14170 | 0.000711 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14170 | 0.000203 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14170 | | 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 | 14170 | <0.001 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14170 | 11.8 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14170 | 0.0101 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14170 | 1.26 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14170 | 0.937 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14170 | 0.341 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14170 | 0.0177 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14170 | 11.6 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14170 | 0.0112 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14170 | 40.0 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14170 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14170 | 7.15 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14170 | 326 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14170 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14170 | 5.50 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14170 | 0.800 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14170 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14170 | | - | 0.1 | | |
| 4020 | Radium-226 | 14170 | 0.900 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14170 | 0.200 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14170 | 0.200 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14170 | 0.600 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14170 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14170 | | EPA900 | 0.1 | | 03-10-99 |

# 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 | 14171 | 0.00706 | EPA200.8 | 0.00005 | 0.005 | 2/4/1999 |
| 1030 | Lead | 14171 | 0.0374 | EPA200.8 | 0.0001 | 0.015 | 2/4/1999 |
| 1040 | Nitrate(as N) | 14171 | 21.3 | EPA300.0 | 0.02 | 10 | 2/5/1999 |
| 1002 | Aluminum | 14171 | 1.48 | EPA200.8 | 0.001 | 0.2 | 2/12/1999 |
| 1028 | Iron | 14171 | 1.90 | EPA200.7 | 0.004 | 0.3 | 2/3/1999 |
| 1905 | Color (color units) | 14171 | 500 | SM2120B | 5 | 15 | 2/2/1999 |
| 1930 | Total Dissolved Solids | 14171 | 693 | SM2540C | 2.5 | 500 | 2/3/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14171 | 0.200 | EPA903.1 | 0.1 | 0 | 3/10/1999 |
| 4030 | Radium-228 | 14171 | 2.50 | EPA904 | 0.3 | 0 | 3/10/1999 |

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 Landfill
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): 2/2/99 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 6/30/99
Address: PO Box 150-597 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: 14171
Date Sample(s) Recieved: 2/2/99 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.

Signature: _____
Title: Technical Director Date: 3/12/99

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 Offical: _____

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 | 14171 | 0.00177 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14171 | 0.258 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14171 | 0.00706 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14171 | 0.0717 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14171 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14171 | 1.36 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14171 | 0.0374 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14171 | 0.000759 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14171 | 0.0220 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14171 | 21.3 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14171 | 0.260 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14171 | 0.00254 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14171 | 73.0 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14171 | 0.00233 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14171 | 0.00387 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14171 | 0.00168 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14171 | | 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 | 14171 | 1.48 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14171 | 32.9 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14171 | 0.0188 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14171 | 1.36 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14171 | 1.90 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14171 | 0.0466 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14171 | 0.000513 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14171 | 16.7 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14171 | 0.0381 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14171 | 500 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14171 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14171 | 7.05 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14171 | 693 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14171 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14171 | 1.10 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14171 | 0.800 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14171 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14171 | | - | 0.1 | | |
| 4020 | Radium-226 | 14171 | 0.200 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14171 | 0.200 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14171 | 2.50 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14171 | 2.60 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14171 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14171 | | EPA900 | 0.1 | | 03-10-99 |

# 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 | 14172 | 2.97 | EPA200.8 | 0.001 | 0.2 | 2/12/1999 |
| 1028 | Iron | 14172 | 1.13 | EPA200.7 | 0.004 | 0.3 | 2/3/1999 |
| 1905 | Color (color units) | 14172 | 200 | SM2120B | 5 | 15 | 2/2/1999 |
| 4000 | Gross alpha | 14172 | 21.0 | EPA900 | 0.1 | 5 | 3/10/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14172 | 2.50 | EPA903.1 | 0.1 | 0 | 3/10/1999 |
| 4030 | Radium-228 | 14172 | 4.50 | EPA904 | 0.3 | 0 | 3/10/1999 |

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 Landfill

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): 2/2/99 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 6/30/99

Address: PO Box 150-597 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: 14172

Date Sample(s) Recieved: 2/2/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

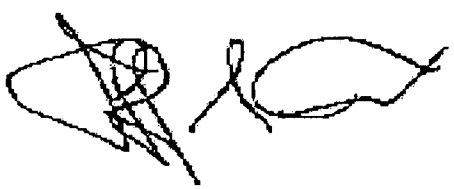
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes

| 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.



Signature:_____

Title: Technical Director Date: 3/12/99

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 Offical:_____

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 | 14172 | 0.000956 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14172 | 0.0833 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14172 | 0.00223 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14172 | 0.0413 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14172 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14172 | 0.834 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14172 | 0.00911 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14172 | 0.000290 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14172 | 0.0131 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14172 | 4.83 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14172 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14172 | 0.00109 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14172 | 3.87 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14172 | 0.00222 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14172 | 0.000372 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14172 | <0.0001 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14172 | | 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 | 14172 | 2.97 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14172 | 28.2 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14172 | 0.00928 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14172 | 0.834 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14172 | 1.13 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14172 | 0.0357 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14172 | 0.0304 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14172 | 9.25 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14172 | 0.0172 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14172 | 200 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14172 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14172 | 7.85 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14172 | 270 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14172 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14172 | 21.0 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14172 | 3.00 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14172 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14172 | | - | 0.1 | | |
| 4020 | Radium-226 | 14172 | 2.50 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14172 | 0.600 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14172 | 4.50 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14172 | 2.80 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14172 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14172 | | EPA900 | 0.1 | | 03-10-99 |

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

UNREGULATED

| | | | | | | |
|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14173 | 0.500 | EPA903.1 | 0.1 | 0 3/10/1999 |
| 4030 | Radium-228 | 14173 | 0.300 | EPA904 | 0.3 | 0 3/10/1999 |

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 Landfill

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): 2/2/99 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 6/30/99

Address: PO Box 150-597 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: 14173

Date Sample(s) Recieved: 2/2/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

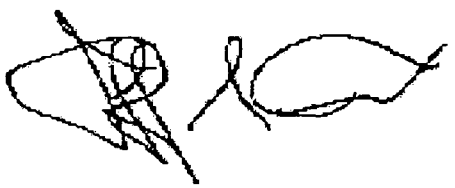
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes

| 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.



Signature:_____

Title: Technical Director Date: 3/12/99

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 Offical:_____

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 | 14173 | 0.000339 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14173 | 0.00498 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14173 | 0.000252 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14173 | 0.00871 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14173 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14173 | 0.611 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14173 | 0.000216 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14173 | 0.00132 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14173 | 0.00148 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14173 | 1.35 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14173 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14173 | 0.000481 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14173 | 4.03 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14173 | 0.00180 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14173 | <0.0001 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14173 | <0.0001 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14173 | | 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 | 14173 | 0.161 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14173 | 25.9 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14173 | 0.00150 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14173 | 0.611 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14173 | 0.0276 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14173 | <0.0005 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14173 | <0.00005 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14173 | 4.60 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14173 | 0.00257 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14173 | <5 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14173 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14173 | 7.60 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14173 | 260 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14173 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14173 | 1.00 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14173 | 1.00 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14173 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14173 | | - | 0.1 | | |
| 4020 | Radium-226 | 14173 | 0.500 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14173 | 0.100 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14173 | 0.300 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14173 | 0.600 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14173 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14173 | | EPA900 | 0.1 | | 03-10-99 |

# 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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1925 | pH | 14174 | 5.80 | EPA150.1 | 0.01 | 6.5 - 8.5 | 2/2/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14174 | 0.500 | EPA903.1 | 0.1 | 0 | 3/10/1999 |
| 4030 | Radium-228 | 14174 | 0.500 | EPA904 | 0.3 | 0 | 3/10/1999 |

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 Landfill

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): 2/2/99 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 6/30/99

Address: PO Box 150-597 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: 14174

Date Sample(s) Recieved: 2/2/99 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.

Signature:_____

Title: Technical Director Date: 3/12/99

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 Offical:_____

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 | 14174 | 0.000367 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14174 | 0.00587 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14174 | 0.000170 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14174 | 0.0125 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14174 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14174 | 0.834 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14174 | 0.000138 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14174 | 0.000356 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14174 | 0.00179 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14174 | 0.0662 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14174 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14174 | 0.000445 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14174 | 4.51 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14174 | 0.00100 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14174 | <0.0001 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14174 | <0.0001 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14174 | | 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 | 14174 | 0.0618 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14174 | 18.8 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14174 | 0.00141 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14174 | 0.834 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14174 | 0.0215 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14174 | <0.0005 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14174 | <0.00005 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14174 | 5.10 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14174 | 0.00214 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14174 | <5 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14174 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14174 | 5.80 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14174 | 244 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14174 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14174 | 2.70 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14174 | 1.30 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14174 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14174 | | - | 0.1 | | |
| 4020 | Radium-226 | 14174 | 0.500 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14174 | 0.100 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14174 | 0.500 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14174 | 0.600 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14174 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14174 | | EPA900 | 0.1 | | 03-10-99 |

# 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 | 14175 | 0.415 | EPA200.7 | 0.004 | 0.3 | 2/3/1999 |
| 1905 | Color (color units) | 14175 | 70.0 | SM2120B | 5 | 15 | 2/2/1999 |
| 1930 | Total Dissolved Solids | 14175 | 623 | SM2540C | 2.5 | 500 | 2/3/1999 |
| 4000 | Gross alpha | 14175 | 37.0 | EPA900 | 0.1 | 5 | 3/10/1999 |

## UNREGULATED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4020 | Radium-226 | 14175 | 7.70 | EPA903.1 | 0.1 | 0 | 3/10/1999 |
| 4030 | Radium-228 | 14175 | 0.600 | EPA904 | 0.3 | 0 | 3/10/1999 |

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 Landfill
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): 2/2/99 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 6/30/99
Address: PO Box 150-597 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: 14175
Date Sample(s) Recieved: 2/2/99 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.

Signature:_____
Title: Technical Director Date: 3/12/99

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 Offical:_____

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 | 14175 | 0.00137 | EPA200.8 | 0.00005 | 0.05 | 02-04-99 |
| 1010 | Barium | 14175 | 0.0122 | EPA200.8 | 0.0004 | 2 | 02-04-99 |
| 1015 | Cadmium | 14175 | 0.000223 | EPA200.8 | 0.00005 | 0.005 | 02-04-99 |
| 1020 | Chromium | 14175 | 0.0273 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1024 | Cyanide | 14175 | <0.005 | SM4500-CN E | 0.005 | 0.2 | 02-08-99 |
| 1025 | Fluoride | 14175 | 1.08 | SM4500F C | 0.01 | 4 | 03-08-99 |
| 1030 | Lead | 14175 | 0.000346 | EPA200.8 | 0.0001 | 0.015 | 02-04-99 |
| 1035 | Mercury | 14175 | <0.0002 | EPA245.1 | 0.0002 | 0.002 | 02-10-99 |
| 1036 | Nickel | 14175 | 0.00711 | EPA200.8 | 0.0002 | 0.1 | 02-04-99 |
| 1040 | Nitrate(as N) | 14175 | 0.0575 | EPA300.0 | 0.02 | 10 | 02-05-99 |
| 1041 | Nitrite(as N) | 14175 | <0.01 | EPA353.2 | 0.01 | 1 | 02-03-99 |
| 1045 | Selenium | 14175 | 0.000546 | EPA200.8 | 0.0003 | 0.05 | 02-04-99 |
| 1052 | Sodium | 14175 | 10.1 | EPA200.7 | 0.01 | 160 | 02-03-99 |
| 1074 | Antimony | 14175 | 0.00135 | EPA200.8 | 0.0002 | 0.006 | 02-04-99 |
| 1075 | Beryllium | 14175 | <0.0001 | EPA200.8 | 0.0001 | 0.004 | 02-04-99 |
| 1085 | Thallium | 14175 | 0.000174 | EPA200.8 | 0.0001 | 0.002 | 02-04-99 |
| 1094 | Asbestos | 14175 | | 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 | 14175 | 0.161 | EPA200.8 | 0.001 | 0.2 | 02-12-99 |
| 1017 | Chloride | 14175 | 23.5 | EPA300 | 0.1 | 250 | 02-26-99 |
| 1022 | Copper | 14175 | 0.00166 | EPA200.8 | 0.0002 | 1 | 02-04-99 |
| 1025 | Fluoride | 14175 | 1.08 | SM4500F C | 0.01 | 2 | 03-08-99 |
| 1028 | Iron | 14175 | 0.415 | EPA200.7 | 0.004 | 0.3 | 02-03-99 |
| 1032 | Manganese | 14175 | 0.00840 | EPA200.7 | 0.0005 | 0.05 | 02-03-99 |
| 1050 | Silver | 14175 | <0.00005 | EPA200.8 | 0.00005 | 0.1 | 02-04-99 |
| 1055 | Sulfate | 14175 | 4.80 | EPA375.4 | 1 | 250 | 02-08-99 |
| 1095 | Zinc | 14175 | 0.0150 | EPA200.8 | 0.0007 | 5 | 02-04-99 |
| 1905 | Color (color units) | 14175 | 70.0 | SM2120B | 5 | 15 | 02-02-99 |
| 1920 | Odor (total odor number) | 14175 | <1 | SM2150B | 1 | 3 | 02-02-99 |
| 1925 | pH | 14175 | 6.50 | EPA150.1 | 0.01 | 6.5 - 8.5 | 02-02-99 |
| 1930 | Total Dissolved Solids | 14175 | 623 | SM2540C | 2.5 | 500 | 02-03-99 |
| 2905 | Foaming Agents | 14175 | <0.1 | SM5540C | 0.1 | 0.5 | 02-03-99 |

## 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 | 14175 | 37.0 | EPA900 | 0.1 | 5 | 03-10-99 |
| 4000 | Analysis_Error(Ga) | 14175 | 6.00 | EPA900 | 0.1 | | 03-10-99 |
| 4012 | Photon emitters | 14175 | | - | 0.1 | | |
| 4012 | Analysis_Error(Photon) | 14175 | | - | 0.1 | | |
| 4020 | Radium-226 | 14175 | 7.70 | EPA903.1 | 0.1 | | 03-10-99 |
| 4020 | Analysis_Error(226) | 14175 | 0.700 | EPA903.1 | 0.1 | | 03-10-99 |
| 4030 | Radium-228 | 14175 | 0.600 | EPA904 | 0.3 | | 03-10-99 |
| 4030 | Analysis_Error(228) | 14175 | 1.10 | EPA904 | 0.3 | | 03-10-99 |
| 4101 | Man-made beta | 14175 | | EPA900 | 0.1 | | 03-10-99 |
| 4101 | Analysis_Error(beta) | 14175 | | EPA900 | 0.1 | | 03-10-99 |

# FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 14169

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Lawton Chiles
Governor

FLORIDA DEPARTMENT OF HEALTH

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

LABORATORY: FLOWERS CHEMICAL LABORATORIES

CERTIFICATION NUMBER: 83133 EPA: FL00031

DATE: OCTOBER 27, 1998

SUPERSEDES PREVIOUS ANALYTE SHEET DATED: AUGUST 26, 1998

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

PRIMARY INORGANIC

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

| 2. LEAD AND COPPER | | | | |
|---|---|---|---|---|
| LEAD | SM3113B | | 200.8 | |
| COPPER | | | 200.8 | |

| 3. CYANIDE | IC | ISE | UV-VIS | OTHER |
|---|---|---|---|---|
| CYANIDE | | | SM4500CN E | |

| 4. NITRATE AND NITRITE | | | | |
|---|---|---|---|---|
| NITRATE | 300.0 | | 353.2 | |
| NITRITE | 300.0 | | 353.2 | |
| TOTAL NO2-NO3 | 300.0 | | 353.2 | |

| 5. FLUORIDE | | | | |
|---|---|---|---|---|
| FLUORIDE | 300.0 | SM4500F C | | |

| 6. ASBESTOS | | | | |
|---|---|---|---|---|
| ASBESTOS | | | | |

SECONDARY INORGANIC

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

| | PESTICIDES AND PCB'S | GC | GC/MS | HPLC |
|---|---|---|---|---|
| | 1. INSECTICIDES | | | |
| X | ALACHLOR | 505, 507 | | |
| X | ATRAZINE | 505, 507 | | |
| X | CHLORDANE | 505, 508 | | |
| X | ENDRIN | 508, 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. HERBICIDES | | | |
| 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. CARBAMATES | | | |
| X | CARBOFURAN | | | 531.1 |
| X | OXAMYL (VYDATE) | | | 531.1 |
| | 4. DISINFECTANT BY-PRODUCTS/VOC'S | | | |
| X | 1,2-DIBROMO-3-CHLOROPROPANE | 504.1 | | |
| X | ETHYLENE DIBROMIDE | 504.1 | | |
| | 5. MISCELLANEOUS SOC'S | | | |
| X | DIQUAT | | | 549.1 |
| X | ENDOTHALL | | 548.1 | |
| X | GLYPHOSATE | | | 547 |
| | 6. PCB'S | | | |
| X | AROCHLORS | 505 | | |
| X | DECACHLOROBIPHENYL | 508A | | |
| | 7. ADIPATES AND PHTHALATES | | | |
| 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 | | | |



P.O. Box 210, Jacksonville, Florida 32231-0042

Lawton Chiles
Governor

FLORIDA DEPARTMENT OF HEALTH

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

LABORATORY: FLOWERS CHEMICAL LABORATORIES CERTIFICATION NUMBER: 83133 EPA: FL00031
DATE: OCTOBER 27, 1998
SUPERSEDES PREVIOUS ANALYTE SHEET DATED: AUGUST 26, 1998

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-DICHLOROBENZENE | 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-DICHLOROBENZENE | 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-TRICHLOROBENZENE | 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 |
|---|---|---|---|---|
| | ALDICARB | | | 531.1 |
| X | ALDICARB SULFOXIDE | | | 531.1 |
| X | ALDICARB SULFONE | | | 531.1 |
| X | CARBARYL | | | 531.1 |
| | 3-HYDROXYCARBOFURAN | | | 531.1 |
| | METHOMYL | | | 531.1 |

2. HERBICIDES

| | | | | |
|---|---|---|---|---|
| | ALDRIN | 505, 508 | _____ | _____ |
| | BUTACHLOR | 507 | _____ | _____ |
| X | DICAMBA | 515.1 | _____ | _____ |
| X | DIELDRIN | 505, 508 | _____ | _____ |
| | METOLACHLOR | 507 | _____ | _____ |
| | METRIBUZIN | 507 | _____ | _____ |
| X | PROPACHLOR | 508 | _____ | _____ |

GROUP II UNREGULATED CONTAMINANTS

| | | GC | GC/MS |
|---|---|---|---|
| X | BROMOBENZENE | 502.2 | 524.2 |
| X | BROMOCHLOROMETHANE | 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-DICHLOROBENZENE | 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 |



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FLOWERS
CHEMICAL LABORATORIES INCORPORATED

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# CHAIN OF CUSTODY RECORD

Client: Central Testing Lab
Address: P.O. Box 883
Floral City FL 34436
Phone: 352-726-6447

FCL Client No.
FCL Project Manager
FCL Lab Coordinator
Requested Due Date: routine

P.O. Number
Project Name / No.: Sumter Land Fill
Contact

Sampled By (PRINT): Ron Ehrl
Sampler Signature: Ron Ehrl
Date Sampled: 2-2-99

| ITEM NO. | SAMPLE DESCRIPTION | TIME | MATRIX | LAB NO. | NO. OF CONTAINERS | PRESERVATIVES: UNPRESERVED | $H_2SO_4$ | $HNO_3$ | HCl | NaOH | ANALYSES REQUEST: IND 93 | SEC 93 | GA | Ra 226/228 | TB | $NH_4$ | FIELD | pH<2 pH>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SL1 | | | 14169 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 2 | SL2 | | | 70 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 3 | SL4 | | | 71 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 4 | SL "6A | Monitoring | | 72 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 5 | SL "7 | Wells | | 73 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 6 | SL "8 | | | 14174 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | SL "9 | | | 14175 | 8 | 5 | 1 | 1 | | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

| CARRIER | BAILERS | SHIP DATES: OUT / DATE | RETURNED / DATE | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Ron Ehrl | 2-2-99 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | 2/2/99 | 1431 |

SPECIAL INSTRUCTIONS

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

# SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY