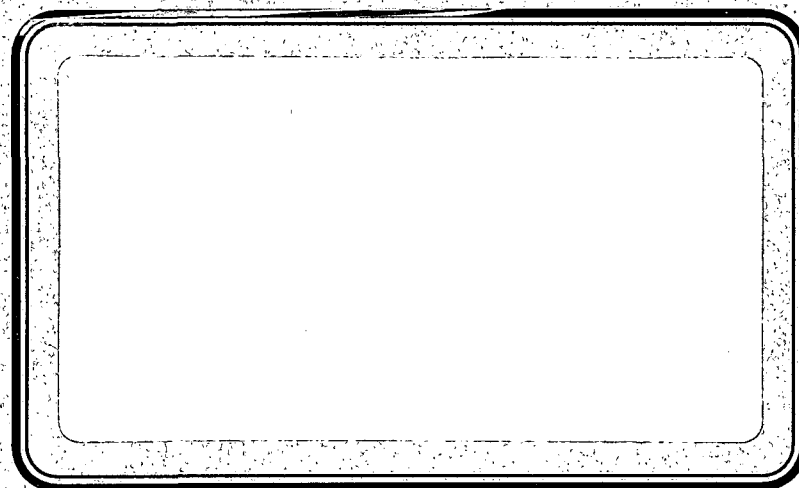




Central Testing Laboratory

Engineering and Materials Testing



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CHIEF'S OFFICE
BUREAU OF SOLID AND
HAZARDOUS WASTE

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

4060C00092
WAC 53008

68 pg

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Solid Waste Section

DEP Form # 62-622.000(2)
Form Title <u>GROUND WATER MONITORING REPORT</u>
Effective Date _____
DEP Application No. _____

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

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

Certification

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

Date: 8-20-99



Signature of Owner or Authorized Representative

PART II QUALITY ASSURANCE REQUIREMENTS

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

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

GMS# 4060C00092

Monitoring Well 4060A12054

Well Name MONITOR WELL 1

Classification of Groundwater G-II

Well Developed Prior to

Sample Collection (Yes/No) YES

<CTRL-ALT-U>

Sample Date 07-14-99

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Groundwater Elevation
(above MSL) 43.75 ft.

W4534

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	11.6	EC	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	72	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.000541	mg/R	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.00005	mg/R	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00470	mg/R	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000270	mg/R	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000836	mg/R	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00358	mg/R	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/R	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.523	mg/R	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000378	mg/R	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/R	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00299	mg/R	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	0.456	mg/R	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.01	mg/R	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.466	mg/R	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.000301	mg/R	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	3.09	mg/R	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/R	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	0.186	mg/R	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	7.94	mg/R	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	25.0	PTU	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 4060A12054

Well Name MONITOR WELL 1

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 07-14-99

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.75 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
900219	COPPER	GRAB	EPA 220.1	0.0117	mg/R	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	0.523	mg/R	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/R	UNFILTERED	NONE
	IRON	GRAB	EPA 236.1	0.0374	mg/R	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0271	mg/R	UNFILTERED	NONE
000400	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
	Ph	GRAB	EPA 150.1	7.25	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/R	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	4.27	mg/R	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	54	mg/R	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	17.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0175	mg/R	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/R	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	9.10	pCi/R	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	1.30	pCi/R	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	5.70	pCi/R	UNFILTERED	HNO

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 406000092

Monitoring Well 4060A12055

Well Name MONITOR WELL 2

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

W 4535

Sample Date 07-14-99

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 43.98 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	11.9	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	133	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00422	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.00060	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0412	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000739	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00060	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0134	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	1.04	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00589	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00519	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	0.973	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0239	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.9969	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.00107	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	4.75	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	5.49	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# 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 07-14-99

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.98 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	CHLORIDE	GRAB	EPA 325.3	4.04	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	100.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00767	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	1.04	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
	MANGANESE	GRAB	EPA 200.7	0.266	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	1.19	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.90	ST. UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	0.000473	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	7.85	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	90	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	29.6	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0132	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.02420	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	5.30	pCi/l	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	1.30	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	1.00	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 4060A12057
Well Name MONITOR WELL 4
Classification of Groundwater G-II

Sample Date 07-14-99
Well Type () Background
(x) Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.11 ft.

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

W 4537

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	10.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	75	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00237	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.00102	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0235	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	.000377	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000911	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00611	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.695	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00353	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00379	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	18.3	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.162	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	18.462	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.00357	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	53.1	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.00186	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	3.21	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	67.8	mg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Sample Date 07-14-99

Monitoring Well 4060A12057

Well Type () Background

Well Name MONITOR WELL 4

(x) Site Boundary

Classification of Groundwater G-II

() Intermediate

() Compliance

Well Developed* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 43.11 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000080	COLOR	GRAB	EPA 110.1	20.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0103	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	0.695	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.254	mg/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0194	mg/l	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.04	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	0.000282	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	9.11	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	304	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	33.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0137	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.0523	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	27.0	pCi/l	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	2.20	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	0.700	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

Sample Date 07-14-99

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 44.04 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	13.4	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	195	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00206	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.000583	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0229	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000122	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00127	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0197	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.523	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00328	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00678	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	5.00	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.01	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.000369	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	4.58	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000145	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	4.11	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 4060A12057
Well Name MONITOR WELL 6A
Classification of Groundwater G-II

Sample Date 07-14-99
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 44.04 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
000080	CHLORIDE	GRAB	EPA 325.3	8.08	mg/l	UNFILTERED	NONE
	COLOR	GRAB	EPA 110.1	40.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00917	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	0.523	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.546	mg/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0253	mg/l	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.45	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	0.000194	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	6.63	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	178	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	34.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0146	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.0385	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	36.0	pCi/l	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	3.00	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	19.3	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

W4564

Sample Date 07-14-99
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 44.39 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	10.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	261	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00326	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.00128	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0594	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.00184	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00353	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0617	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	1.04	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00928	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.0179	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	<0.02	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0146	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.0346	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.000556	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	4.77	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000223	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	11.4	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	7.07	mg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 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 07-14-99

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 44.39 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000080	COLOR	GRAB	EPA 110.1	150.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00867	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	1.04	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	1.84	mg/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0367	mg/l	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.34	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	0.00839	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.21	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	216	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	116.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0231	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.0173	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	83.0	pCi/l	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	1.90	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	<0.3	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 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Sample Date 07-14-99
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 44.76 ft.

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

W4592

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	10.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	551	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<.0002	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.000523	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00834	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000605	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0146	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.924	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000325	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00713	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	1.65	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0121	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	1.6621	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.000925	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	12.3	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000182	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	0.0240	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	6.90	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Sample Date 07-14-99

Monitoring Well 4060A17008

Well Type (x) Background

Well Name MONITOR WELL 8

() Site Boundary

Classification of Groundwater G-II

() Intermediate

() Compliance

Well Developed* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 44.76 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000080	COLOR	GRAB	EPA 110.1	50.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00324	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	0.924	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	1.40	mg/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0960	mg/l	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.65	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	5.84	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	398	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	26.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00922	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	3.59	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	2.10	pCi/l	UNFILTERED	HNO ₃
	RADIUM 266	GRAB	EPA 903.1	2.50	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	<0.3	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

Sample Date 07-14-99
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 44.45 ft.

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

W 4583

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	11.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	986	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00128	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.00406	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0184	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000853	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0419	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.504	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.0001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.0197	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	0.0518	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.0618	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.00148	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	22.1	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000297	mg/l	UNFILTERED	HNO ₃
	ALUMINUM	GRAB	EPA 200.7	0.00294	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# 4060C00092
Monitoring Well 4060A17009
Well Name MONITOR WELL 9
Classification of Groundwater G-II

Sample Date 07-14-99
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 44.45 ft.

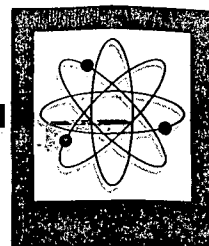
Well Developed* Prior to
Sample Collection (Yes/No) YES

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000080	CHLORIDE	GRAB	EPA 325.3	5.48	mg/l	UNFILTERED	NONE
	COLOR	GRAB	EPA 110.1	30.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00117	mg/l	UNFILTERED	HNO ₃
	FLUORIDE	GRAB	EPA 340.1	0.504	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.605	mg/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 903.1	0.128	mg/l	UNFILTERED	NONE
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.41	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	4.50	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	400	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	32.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0156	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	6.70	pCi/l	UNFILTERED	HNO ₃
	RADIUM 226	GRAB	EPA 903.1	4.50	pCi/l	UNFILTERED	HNO ₃
	RADIUM 228	GRAB	EPA 904	<0.3	pCi/l	UNFILTERED	HNO ₃

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DER Form 17-1.216(2)

Effective January 1, 1983



Received From:

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

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732

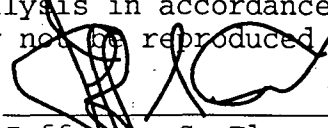
REPORT OF ANALYSIS

15726

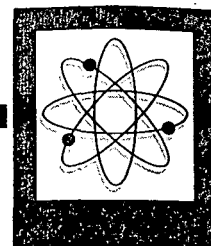
Parameter	Unit	Method Detection Limit	%ACC	%PRC	
Arsenic	mg/L	0.0000500	98.7	2.49	<0.0000500
Barium	mg/L	0.000400	98.2	3.87	0.00470
Cadmium	mg/L	0.0000500	94.7	1.64	0.000836
Chromium	mg/L	0.000200	100.	3.17	0.00358
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	0.523
Lead	mg/L	0.000100	105.	1.82	0.000378
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.00299
Nitrate(as N)	mg/L	0.0200	106.	1.19	0.456
Nitrite(as N)	mg/L	0.0100	75.0	.590	<0.0100
Selenium	mg/L	0.000300	94.2	2.36	0.000301
Sodium	mg/L	0.0100	110.	.630	3.09
Antimony	mg/L	0.000200	106.	.400	0.000541
Beryllium	mg/L	0.000100	109.	.810	0.000270
Thallium	mg/L	0.000100	109.	.800	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	0.186
Chloride	mg/L	0.100	119.	.000	7.94
Copper	mg/L	0.000200	95.3	1.58	0.0117
Fluoride	mg/L	0.0100			0.523
Iron	mg/L	0.00400	97.9	8.33	0.0374
Manganese	mg/L	0.000500	100.	4.91	0.00580
Silver	mg/L	0.0000500	101.	.860	<0.0000500
Sulfate	mg/L	1.00	114.	.000	4.27
Zinc	mg/L	0.000700	89.5	4.51	0.0175

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

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Received From:

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

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

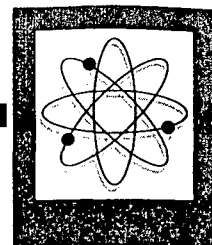
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

15726				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Color (color units)	PCU	5.00		25.0
Odor (total odor num	TON	1.00		<1.00
pH	pH	0.0100	100.	.820 6.34
TDS	mg/L	2.50	102.	4.53 54.0
Foaming_Agents	mg/L	0.100	78.3	.110 <0.100
Turbidity	NTU	0.0500	97.5	.000 17.0
Ammonia(as N)	mg/L	0.0100	92.5	6.96 <0.0100
Gross alpha	pCi/L	0.100		9.10
Analysis Error	pCi/L	0.100		0.400
Photon emitters	pCi/L	0.100		-
Analysis_Error(Photo	pCi/L	0.100		-
Radium 226	pCi/L	0.100		1.30
Analysis_Error(226)	pCi/L	0.100		0.200
Radium 228	pCi/L	0.300		5.70
Analysis_Error(228)	pCi/L	0.300		1.00
Man-made beta & phot	pCi/L	0.100		-
Analysis_Error(beta	pCi/L	0.100		-

Data Release Authorization

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



Received From:

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

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

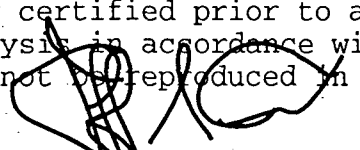
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REPORT OF ANALYSIS

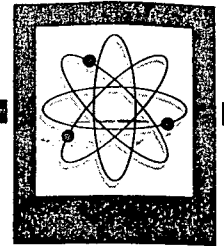
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Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.7	2.49	0.000600
Barium	mg/L	0.000400	98.2	3.87	0.0412
Cadmium	mg/L	0.0000500	94.7	1.64	0.000600
Chromium	mg/L	0.000200	100.	3.17	0.0134
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	1.04
Lead	mg/L	0.000100	105.	1.82	0.00589
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.00519
Nitrate(as N)	mg/L	0.0200	106.	1.19	0.973
Nitrite(as N)	mg/L	0.0100	75.0	.590	0.0239
Selenium	mg/L	0.000300	94.2	2.36	0.00107
Sodium	mg/L	0.0100	110.	.630	4.75
Antimony	mg/L	0.000200	106.	.400	0.00422
Beryllium	mg/L	0.000100	109.	.810	0.000739
Thallium	mg/L	0.000100	109.	.800	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	5.49
Chloride	mg/L	0.100	119.	.000	4.04
Copper	mg/L	0.000200	95.3	1.58	0.00767
Fluoride	mg/L	0.0100			1.04
Iron	mg/L	0.00400	97.9	8.33	1.19
Manganese	mg/L	0.000500	100.	4.91	0.266
Silver	mg/L	0.0000500	101.	.860	0.000473
Sulfate	mg/L	1.00	114.	.000	7.85
Zinc	mg/L	0.000700	89.5	4.51	0.0132

Data Release Authorization

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec.4
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President/Technical Director

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

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

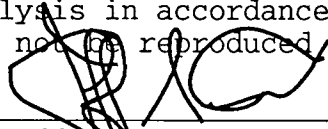
For: SL2

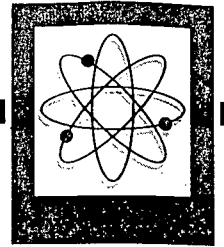
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

					15727
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			100.
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.820	7.53
TDS	mg/L	2.50	102.	4.53	90.0
Foaming_Agents	mg/L	0.100	78.3	.110	<0.100
Turbidity	NTU	0.0500	97.5	.000	29.6
Ammonia(as N)	mg/L	0.0100	92.5	6.96	0.0242
Gross alpha	pCi/L	0.100			5.30
Analysis Error	pCi/L	0.100			0.300
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.30
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			1.00
Analysis_Error(228)	pCi/L	0.300			0.700
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

Data Release Authorization

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FloralCity, FL 34436

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732

REPORT OF ANALYSIS

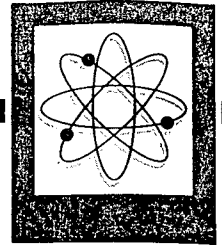
					15728
Parameter	Unit	Method	%ACC	%PRC	
Detection Limit					
Arsenic	mg/L	0.0000500	98.7	2.49	0.00102
Barium	mg/L	0.000400	98.2	3.87	0.0235
Cadmium	mg/L	0.0000500	94.7	1.64	0.000911
Chromium	mg/L	0.000200	100.	3.17	0.00611
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	0.695
Lead	mg/L	0.000100	105.	1.82	0.00353
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.00379
Nitrate(as N)	mg/L	0.0200	106.	1.19	18.3
Nitrite(as N)	mg/L	0.0100	75.0	.590	0.162
Selenium	mg/L	0.000300	94.2	2.36	0.00357
Sodium	mg/L	0.0100	110.	.630	53.1
Antimony	mg/L	0.000200	106.	.400	0.00237
Beryllium	mg/L	0.000100	109.	.810	0.000377
Thallium	mg/L	0.000100	109.	.800	0.00186
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	3.21
Chloride	mg/L	0.100	119.	.000	67.8
Copper	mg/L	0.000200	95.3	1.58	0.0103
Fluoride	mg/L	0.0100			0.695
Iron	mg/L	0.00400	97.9	8.33	0.254
Manganese	mg/L	0.000500	100.	4.91	0.0194
Silver	mg/L	0.0000500	101.	.860	0.000282
Sulfate	mg/L	1.00	114.	.000	9.11
Zinc	mg/L	0.000700	89.5	4.51	0.0137

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Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

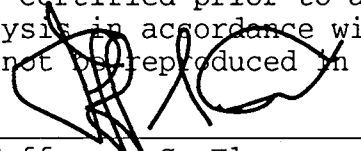
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732

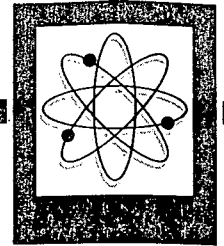
REPORT OF ANALYSIS

					15728
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.820	7.16
TDS	mg/L	2.50	102.	4.53	304.
Foaming_Agents	mg/L	0.100	78.3	.110	<0.100
Turbidity	NTU	0.0500	97.5	.000	33.0
Ammonia(as N)	mg/L	0.0100	92.5	6.96	0.0523
Gross alpha	pCi/L	0.100			27.0
Analysis Error	pCi/L	0.100			2.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			2.20
Analysis_Error(226)	pCi/L	0.100			0.300
Radium 228	pCi/L	0.300			0.700
Analysis_Error(228)	pCi/L	0.300			0.700
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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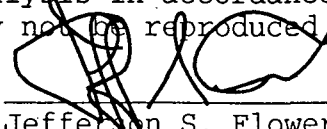
For: SL6A

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

					15729
Parameter	Unit	Method	%ACC	%PRC	
Detection Limit					
Arsenic	mg/L	0.0000500	98.7	2.49	0.000583
Barium	mg/L	0.000400	98.2	3.87	0.0229
Cadmium	mg/L	0.0000500	94.7	1.64	0.00127
Chromium	mg/L	0.000200	100.	3.17	0.0197
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	0.523
Lead	mg/L	0.000100	105.	1.82	0.00328
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.00678
Nitrate(as N)	mg/L	0.0200	106.	1.19	5.00
Nitrite(as N)	mg/L	0.0100	75.0	.590	<0.0100
Selenium	mg/L	0.000300	94.2	2.36	0.000369
Sodium	mg/L	0.0100	110.	.630	4.58
Antimony	mg/L	0.000200	106.	.400	0.00206
Beryllium	mg/L	0.000100	109.	.810	0.000122
Thallium	mg/L	0.000100	109.	.800	0.000145
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	4.11
Chloride	mg/L	0.100	119.	.000	8.08
Copper	mg/L	0.000200	95.3	1.58	0.00917
Fluoride	mg/L	0.0100			0.523
Iron	mg/L	0.00400	97.9	8.33	0.546
Manganese	mg/L	0.000500	100.	4.91	0.0253
Silver	mg/L	0.0000500	101.	.860	0.000194
Sulfate	mg/L	1.00	114.	.000	6.63
Zinc	mg/L	0.000700	89.5	4.51	0.0146

Data Release Authorization

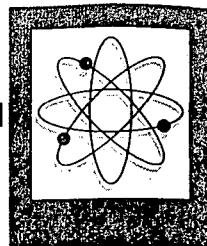
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FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

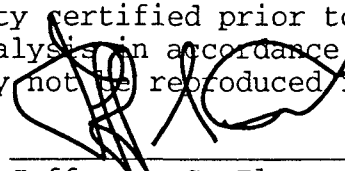
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732

REPORT OF ANALYSIS

15729				
Parameter	Unit	Method	%ACC	%PRC
Detection Limit				
Color (color units)	PCU	5.00		40.0
Odor (total odor num	TON	1.00		<1.00
pH	pH	0.0100	100.	.820 7.90
TDS	mg/L	2.50	102.	4.53 178.
Foaming_Agents	mg/L	0.100	78.3	.110 <0.100
Turbidity	NTU	0.0500	97.5	.000 34.0
Ammonia(as N)	mg/L	0.0100	92.5	6.96 0.0385
Gross alpha	pCi/L	0.100		36.0
Analysis Error	pCi/L	0.100		22.0
Photon emitters	pCi/L	0.100		-
Analysis_Error(Photo	pCi/L	0.100		-
Radium 226	pCi/L	0.100		3.00
Analysis_Error(226)	pCi/L	0.100		1.00
Radium 228	pCi/L	0.300		19.3
Analysis_Error(228)	pCi/L	0.300		4.80
Man-made beta & phot	pCi/L	0.100		-
Analysis_Error(beta	pCi/L	0.100		-

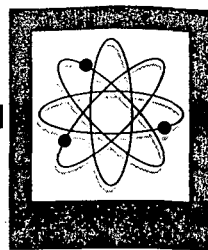
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NYSDOH Number : 11595
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LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

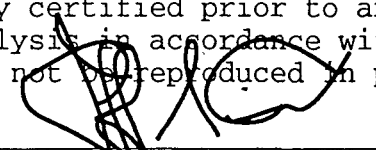
For: SL7

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

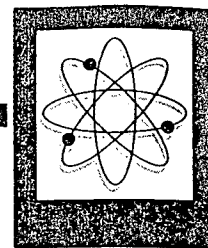
					15730
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.7	2.49	0.00128
Barium	mg/L	0.000400	98.2	3.87	0.0594
Cadmium	mg/L	0.0000500	94.7	1.64	0.00353
Chromium	mg/L	0.000200	100.	3.17	0.0617
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	1.04
Lead	mg/L	0.000100	105.	1.82	0.00928
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.0179
Nitrate(as N)	mg/L	0.0200	106.	1.19	<0.0200
Nitrite(as N)	mg/L	0.0100	75.0	.590	0.0146
Selenium	mg/L	0.000300	94.2	2.36	0.000556
Sodium	mg/L	0.0100	110.	.630	4.77
Antimony	mg/L	0.000200	106.	.400	0.00326
Beryllium	mg/L	0.000100	109.	.810	0.00184
Thallium	mg/L	0.000100	109.	.800	0.000223
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	11.4
Chloride	mg/L	0.100	119.	.000	7.07
Copper	mg/L	0.000200	95.3	1.58	0.00867
Fluoride	mg/L	0.0100			1.04
Iron	mg/L	0.00400	97.9	8.33	1.84
Manganese	mg/L	0.000500	100.	4.91	0.0367
Silver	mg/L	0.0000500	101.	.860	0.00839
Sulfate	mg/L	1.00	114.	.000	3.21
Zinc	mg/L	0.000700	89.5	4.51	0.0231

Data Release Authorization

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Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

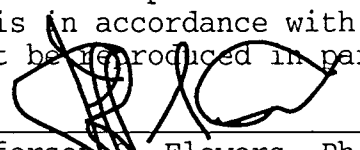
For: SL7

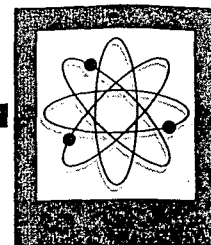
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

					15730
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			150.
Odor (total odor num	TON	1.00			<1.00
	pH	0.0100	100.	.820	7.60
	TDS mg/L	2.50	102.	4.53	216.
Foaming_Agents	mg/L	0.100	78.3	.110	<0.100
Turbidity	NTU	0.0500	97.5	.000	116.
Ammonia(as N)	mg/L	0.0100	92.5	6.96	0.0173
Gross alpha	pCi/L	0.100			83.0
Analysis Error	pCi/L	0.100			16.0
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
	Radium 226	pCi/L	0.100		1.90
Analysis_Error(226)	pCi/L	0.100			0.800
	Radium 228	pCi/L	0.300		<0.300
Analysis_Error(228)	pCi/L	0.300			4.80
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

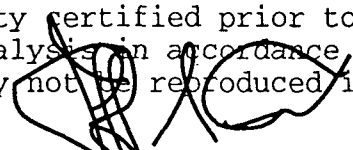
Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

15731

Parameter	Unit	Method Detection Limit	%ACC	%PRC	
Arsenic	mg/L	0.0000500	98.7	2.49	0.000523
Barium	mg/L	0.000400	98.2	3.87	0.00834
Cadmium	mg/L	0.0000500	94.7	1.64	0.000605
Chromium	mg/L	0.000200	100.	3.17	0.0146
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	0.924
Lead	mg/L	0.000100	105.	1.82	0.000325
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.00713
Nitrate(as N)	mg/L	0.0200	106.	1.19	1.65
Nitrite(as N)	mg/L	0.0100	75.0	.590	0.0121
Selenium	mg/L	0.000300	94.2	2.36	0.000925
Sodium	mg/L	0.0100	110.	.630	12.3
Antimony	mg/L	0.000200	106.	.400	<0.000200
Beryllium	mg/L	0.000100	109.	.810	<0.000100
Thallium	mg/L	0.000100	109.	.800	0.000182
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	0.0240
Chloride	mg/L	0.100	119.	.000	6.90
Copper	mg/L	0.000200	95.3	1.58	0.00324
Fluoride	mg/L	0.0100			0.924
Iron	mg/L	0.00400	97.9	8.33	1.40
Manganese	mg/L	0.000500	100.	4.91	0.0960
Silver	mg/L	0.0000500	101.	.860	<0.0000500
Sulfate	mg/L	1.00	114.	.000	5.84
Zinc	mg/L	0.000700	89.5	4.51	0.00922

Data Release Authorization

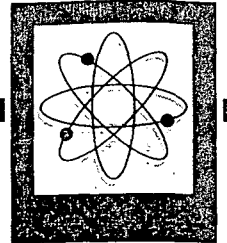
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PO Number : N/A
FDHRS DW Number : 83139
NYS DOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

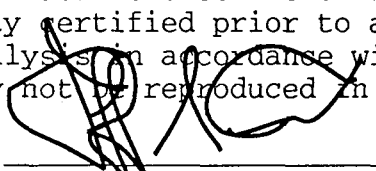
For: SL8

Date Sampled: Jul 14 1999 Date Received: Jul 14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

15731				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Color (color units)	PCU	5.00		50.0
Odor (total odor num	TON	1.00		<1.00
pH	pH	0.0100	100.	.820 6.89
TDS	mg/L	2.50	102.	4.53 398.
Foaming_Agents	mg/L	0.100	78.3	.110 <0.100
Turbidity	NTU	0.0500	97.5	.000 26.0
Ammonia(as N)	mg/L	0.0100	92.5	6.96 3.59
Gross alpha	pCi/L	0.100		2.10
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		2.50
Analysis_Error(226)	pCi/L	0.100		0.300
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		-

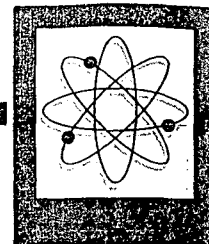
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FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

15732

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	98.7	2.49	0.00406
Barium	mg/L	0.000400	98.2	3.87	0.0184
Cadmium	mg/L	0.0000500	94.7	1.64	0.000853
Chromium	mg/L	0.000200	100.	3.17	0.0419
Cyanide	mg/L	0.00500	115.	.550	<0.00500
Fluoride	mg/L	0.0100	99.3	7.65	0.504
Lead	mg/L	0.000100	105.	1.82	<0.000100
Mercury	mg/L	0.000200			<0.000200
Nickel	mg/L	0.000200	97.1	.660	0.0197
Nitrate(as N)	mg/L	0.0200	106.	1.19	0.0518
Nitrite(as N)	mg/L	0.0100	75.0	.590	<0.0100
Selenium	mg/L	0.000300	94.2	2.36	0.00148
Sodium	mg/L	0.0100	110.	.630	22.1
Antimony	mg/L	0.000200	106.	.400	0.00128
Beryllium	mg/L	0.000100	109.	.810	<0.000100
Thallium	mg/L	0.000100	109.	.800	0.000297
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	113.	3.60	0.00294
Chloride	mg/L	0.100	119.	.000	5.48
Copper	mg/L	0.000200	95.3	1.58	0.00117
Fluoride	mg/L	0.0100			0.504
Iron	mg/L	0.00400	97.9	8.33	0.605
Manganese	mg/L	0.000500	100.	4.91	0.128
Silver	mg/L	0.0000500	101.	.860	<0.0000500
Sulfate	mg/L	1.00	114.	.000	4.50
Zinc	mg/L	0.000700	89.5	4.51	0.0156

Data Release Authorization

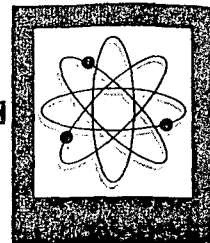
Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report may not be reproduced in part, results relate only to items tested.


Jefferson Flowers, Ph.d.
President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

FLOWERS

**CHEMICAL
LABORATORIES**
INCORPORATED



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

Date Reported : Aug10 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRS DW Number : 83139
NYS DOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

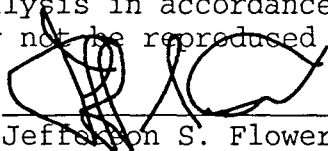
For: SL9

Date Sampled: Jul14 1999 Date Received: Jul14 1999 Lab Numbers: 15726-15732
REPORT OF ANALYSIS

					15732
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			30.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.820	6.59
TDS	mg/L	2.50	102.	4.53	400.
Foaming_Agents	mg/L	0.100	78.3	.110	<0.100
Turbidity	NTU	0.0500	97.5	.000	32.0
Ammonia (as N)	mg/L	0.0100	92.5	6.96	<0.0100
Gross alpha	pCi/L	0.100			6.70
Analysis Error	pCi/L	0.100			2.20
Photon emitters	pCi/L	0.100			-
Analysis_Error (Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			4.50
Analysis_Error (226)	pCi/L	0.100			0.400
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			-

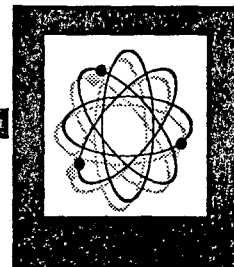
Data Release Authorization

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

FLOWERS

**CHEMICAL
LABORATORIES
INCORPORATED**



Internal Custody Record

Lab Number: 15726

Lab # 15726

Container 210654 Plastic Bottle 1 L:

Shpped to custome:Check-in StationWed, 07/07/99 02:07PM

Met Mbl Cart 3 Sh:Lori Ann MangrumThu, 07/15/99 02:28PM

Container 210666 Plastic Bottle 1 L:

Shpped to custome:Check-in StationWed, 07/07/99 02:07PM

Inorg Mbl Cart 1 :Yanina ShatkhinaFri, 07/30/99 11:34AM

Container 210684 Plastic Bottle 500 ml:

Shpped to custome:Check-in StationWed, 07/07/99 02:07PM

Container 210696 Plastic Bottle 250 ml:

Shpped to custome:Check-in StationWed, 07/07/99 02:07PM

1199		FLOWERS CHEMICAL LABORATORIES																
		ANALYTICAL RESULTS FORM								HRS Number 83139								
Parameter	Symbol	Unit	SL1	SL2	SL4	SL6A	SL7	SL8	SL9				QA	Section	Analys	Date		
			15726	15727	15728	15729	15730	15731	15732				Method	MDL	%RSD	%Rec		
Arsenic	*	mg/L	<0.00005	0.000600	0.00102	0.000583	0.00128	0.000523	0.00406				EPA200.8	0.00005	2.4928331	98.73	LSM	07-20-99
Barium	*	mg/L	0.00470	0.0412	0.0235	0.0229	0.0594	0.00834	0.0184				EPA200.8	0.0004	3.8728916	98.225	LSM	07-20-99
Cadmium	*	mg/L	0.000836	0.000600	0.000911	0.00127	0.00353	0.000605	0.000853				EPA200.8	0.00005	1.6453360	94.73	LSM	07-20-99
Chromium	*	mg/L	0.00358	0.0134	0.00611	0.0197	0.0617	0.0146	0.0419				EPA200.8	0.0002	3.1718844	100.475	LSM	07-20-99
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				SM4500-C	0.005	0.5565144	115.88871	DRP	07-19-99
Fluoride	*	mg/L	0.523	1.04	0.695	0.523	1.04	0.924	0.504				SM4500F	0.01	7.6526936	99.336758	YGS	07-19-99
Lead	*	mg/L	0.000378	0.00589	0.00353	0.00328	0.00928	0.000325	<0.0001				EPA200.8	0.0001	1.8288408	105.1	LSM	07-20-99
Mercury	*	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				EPA245.1	0.0002			EVB	07-26-99
Nickel	*	mg/L	0.00299	0.00519	0.00379	0.00678	0.0179	0.00713	0.0197				EPA200.8	0.0002	0.6695756	97.1625	LSM	07-20-99
Nitrate(as N)	*	mg/L	0.456	0.973	18.3	5.00	<0.02	1.65	0.0518				EPA300.0	0.02	1.1936972	106.80685	YGS	07-16-99
Nitrite(as N)	*	mg/L	<0.01	0.0239	0.162	<0.01	0.0146	0.0121	<0.01				EPA353.2	0.01	0.5919436	75	EVB	07-14-99
Selenium	*	mg/L	0.000301	0.00107	0.00357	0.000369	0.000556	0.000925	0.00148				EPA200.8	0.0003	2.3661918	94.27	LSM	07-20-99
Sodium	*	mg/L	3.09	4.75	53.1	4.58	4.77	12.3	22.1				EPA200.7	0.01	0.6337279	110.68	LSM	07-19-99
Antimony	*	mg/L	0.000541	0.00422	0.00237	0.00206	0.00326	<0.0002	0.00128				EPA200.8	0.0002	0.4097017	106.35	LSM	07-20-99
Beryllium	*	mg/L	0.000270	0.000739	0.000377	0.000122	0.00184	<0.0001	<0.0001				EPA200.8	0.0001	0.8100281	109.4175	LSM	07-20-99
Thallium	*	mg/L	<0.0001	<0.0001	0.00186	0.000145	0.000223	0.000182	0.000297				EPA200.8	0.0001	0.8081787	109	LSM	07-20-99
Asbestos	*	MF/L											TEM	1				
Aluminum	*	mg/L	0.186	5.49	3.21	4.11	11.4	0.0240	0.00294				EPA200.8	0.001	3.6007589	113.12	LSM	07-23-99
Chloride	*	mg/L	7.94	4.04	67.8	8.08	7.07	6.90	5.48				EPA300	0.1	0	119.08232	YGS	07-19-99
Copper	*	mg/L	0.0117	0.00767	0.0103	0.00917	0.00867	0.00324	0.00117				EPA200.8	0.0002	1.5822963	95.3	LSM	07-20-99
Fluoride	*	mg/L	0.523	1.04	0.695	0.523	1.04	0.924	0.504				SM4500F	0.01			YGS	07-19-99
Iron	*	mg/L	0.0374	1.19	0.254	0.546	1.84	1.40	0.605				EPA200.7	0.004	8.3339807	97.98	LSM	07-19-99
Manganese	*	mg/L	0.00580	0.266	0.0194	0.0253	0.0367	0.0960	0.128				EPA200.7	0.0005	4.9164208	100.216	LSM	07-19-99
Silver	*	mg/L	<0.00005	0.000473	0.000282	0.000194	0.00839	<0.00005	<0.00005				EPA200.8	0.00005	0.8676036	101.28725	LSM	07-20-99
Sulfate	*	mg/L	4.27	7.85	9.11	6.63	3.21	5.84	4.50				EPA375.4	1	0	114.43989	YGS	07-19-99
Zinc	*	mg/L	0.0175	0.0132	0.0137	0.0146	0.0231	0.00922	0.0156				EPA200.8	0.0007	4.5138682	89.55	LSM	07-20-99
Color (color units)	*	PCU	25.0	100	20.0	40.0	150	50.0	30.0				SM2120B	5			DRP	07-14-99
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1				SM2150B	1			DRP	07-14-99
pH (units)	*	pH	6.34	7.53	7.16	7.90	7.60	6.89	6.59				EPA150.1	0.01	0.8242543	100.82857	DRP	07-14-99
Total Dissolved Solids	*	mg/L	54.0	90.0	304	178	216	398	400				SM2540C	2.5	4.5382346	102.33333	RJB	07-19-99
Foaming Agents	*	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				SM5540C	0.1	0.1188436	78.368804	TRB	07-16-99
Turbidity	*	NTU	17.0	29.6	33.0	34.0	116	26.0	32.0				EPA180.1	0.05	0	97.5	DRP	07-14-99
Ammonium(as N)	*	mg/L	<0.01	0.0242	0.0523	0.0385	0.0173	3.59	<0.01				EPA350.1	0.01	6.9603261	92.5	EVB	07-19-99
Gross alpha	*	pCi/L	9.1	5.3	27	36	83	2.1	6.7				EPA900	0.1			PL	07-28-99
Analysis Error(Ga)	*	pCi/L	0.4	0.3	2	22	16	1.3	2.2				EPA900	0.1			PL	07-28-99
Photon emitters	*	pCi/L											-	0.1				
Analysis Error(Photon)	*	pCi/L											-	0.1				
Radium-226	*	pCi/L	1.3	1.3	2.2	3	1.9	2.5	4.5				EPA903.1	0.1			PL	07-28-99
Analysis Error(226)	*	pCi/L	0.2	0.2	0.3	1	0.8	0.3	0.4				EPA903.1	0.1			PL	07-28-99
Radium-228	*	pCi/L	5.7	1	0.7	19.3	<0.1	0.2	<0.1				EPA904	0.3			PL	07-28-99
Analysis Error(228)	*	pCi/L	1	0.7	0.7	4.8	4.8	0.6	0.6				EPA904	0.3			PL	07-28-99
Man-made beta & photon	*	pCi/L	-	-	-	-	-	-	-				EPA900	0.1			PL	07-28-99
Analysis Error(beta & pho	*	pCi/L	-	-	-	-	-	-	-				EPA900	0.1			PL	07-28-99
Date Received:			07-14-99		Typed:			08-10-99		Sent:			08-10-99					
Project Number	Sumter Landfill																	
PO Number	N/A																	
Date Sampled	1 07-14-99 *																	
Date Analyzed	0																	
Compacted	1																	
Format	NormRR																	

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

1905	Color (color units)	15726	25.0	SM2120B	5	15	7/14/1999
1925	pH	15726	6.34	EPA150.1	0.01	6.5 - 8.5	7/14/1999
4000	Gross alpha	15726	9.10	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15726	1.30	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15726	5.70	EPA904	0.3	0	7/28/1999

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): 7/14/99 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 6/30/2000
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: 15726

Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

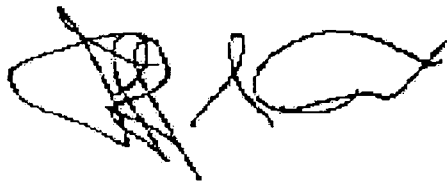
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

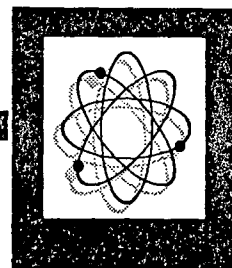
COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

FLOWERS

**CHEMICAL
LABORATORIES
INCORPORATED**



Internal Custody Record

Lab Number: 15726

Lab # 15726

Container 210654 Plastic Bottle 1 L:

Shpped to custome:Check-in Station Wed, 07/07/99 02:07PM

Met Mbl Cart 3 Sh:Lori Ann Mangrum Thu, 07/15/99 02:28PM

Container 210666 Plastic Bottle 1 L:

Shpped to custome:Check-in Station Wed, 07/07/99 02:07PM

Inorg Mbl Cart 1 :Yanina Shatkhina Fri, 07/30/99 11:34AM

Container 210684 Plastic Bottle 500 ml:

Shpped to custome:Check-in Station Wed, 07/07/99 02:07PM

Container 210696 Plastic Bottle 250 ml:

Shpped to custome:Check-in Station Wed, 07/07/99 02:07PM

1199		FLOWERS CHEMICAL LABORATORIES																
		ANALYTICAL RESULTS FORM										HRS Number 83139						
Parameter	Symbol	Unit	SL1	SL2	SL4	SL6A	SL7	SL8	SL9				QA	Section				
			15726	15727	15728	15729	15730	15731	15732				Method	MDL	%RSD	%Rec	Analys	Date
Arsenic	*	mg/L	<0.00005	0.000600	0.00102	0.000583	0.00128	0.000523	0.00406				EPA200.8	0.00005	2.4928331	98.73	LSM	07-20-99
Barium	*	mg/L	0.00470	0.0412	0.0235	0.0229	0.0594	0.00834	0.0184				EPA200.8	0.0004	3.8728916	98.225	LSM	07-20-99
Cadmium	*	mg/L	0.000836	0.000600	0.000911	0.00127	0.00353	0.000605	0.000853				EPA200.8	0.00005	1.6453360	94.73	LSM	07-20-99
Chromium	*	mg/L	0.00358	0.0134	0.00611	0.0197	0.0617	0.0146	0.0419				EPA200.8	0.0002	3.1718844	100.475	LSM	07-20-99
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				SM4500-C	0.005	0.5565144	115.88871	DRP	07-19-99
Fluoride	*	mg/L	0.523	1.04	0.695	0.523	1.04	0.924	0.504				SM4500F	0.01	7.6526936	99.336758	YGS	07-19-99
Lead	*	mg/L	0.000378	0.00589	0.00353	0.00328	0.00928	0.000325	<0.0001				EPA200.8	0.00001	1.8288408	105.1	LSM	07-20-99
Mercury	*	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				EPA245.1	0.0002			EVB	07-26-99
Nickel	*	mg/L	0.00299	0.00519	0.00379	0.00678	0.0179	0.00713	0.0197				EPA200.8	0.0002	0.6695756	97.1625	LSM	07-20-99
Nitrate(as N)	*	mg/L	0.456	0.973	18.3	5.00	<0.02	1.65	0.0518				EPA300.0	0.02	1.1936973	106.80685	YGS	07-16-99
Nitrite(as N)	*	mg/L	<0.01	0.0239	0.162	<0.01	0.0146	0.0121	<0.01				EPA353.2	0.01	0.5919436	75	EVB	07-14-99
Selenium	*	mg/L	0.000301	0.00107	0.00357	0.000369	0.000556	0.000925	0.00148				EPA200.8	0.0003	2.3661918	94.27	LSM	07-20-99
Sodium	*	mg/L	3.09	4.75	53.1	4.58	4.77	12.3	22.1				EPA200.7	0.01	0.6337279	110.68	LSM	07-19-99
Antimony	*	mg/L	0.000541	0.00422	0.00237	0.00206	0.00326	<0.0002	0.00128				EPA200.8	0.00002	0.4097017	106.35	LSM	07-20-99
Beryllium	*	mg/L	0.000270	0.000739	0.000377	0.000122	0.00184	<0.0001	<0.0001				EPA200.8	0.00001	0.8100281	109.4175	LSM	07-20-99
Thallium	*	mg/L	<0.0001	<0.0001	0.00186	0.000145	0.000223	0.000182	0.000297				EPA200.8	0.00001	0.8081787	109	LSM	07-20-99
Asbestos	*	MF/L											TEM	1				
Aluminum	*	mg/L	0.186	5.49	3.21	4.11	11.4	0.0240	0.00294				EPA200.8	0.001	3.6007589	113.12	LSM	07-23-99
Chloride	*	mg/L	7.94	4.04	67.8	8.08	7.07	6.90	5.48				EPA300	0.1	0	119.08233	YGS	07-19-99
Copper	*	mg/L	0.0117	0.00767	0.0103	0.00917	0.00867	0.00324	0.00117				EPA200.8	0.00002	1.5822963	95.3	LSM	07-20-99
Fluoride	*	mg/L	0.523	1.04	0.695	0.523	1.04	0.924	0.504				SM4500F	0.01			YGS	07-19-99
Iron	*	mg/L	0.0374	1.19	0.254	0.546	1.84	1.40	0.605				EPA200.7	0.004	8.3339807	97.99	LSM	07-19-99
Manganese	*	mg/L	0.00580	0.266	0.0194	0.0253	0.0367	0.0960	0.128				EPA200.7	0.0005	4.9164208	100.216	LSM	07-19-99
Silver	*	mg/L	<0.00005	0.000473	0.000282	0.000194	0.00839	<0.00005	<0.00005				EPA200.8	0.00005	0.8676036	101.28725	LSM	07-20-99
Sulfate	*	mg/L	4.27	7.85	9.11	6.63	3.21	5.84	4.50				EPA375.4	1	0	114.43989	YGS	07-19-99
Zinc	*	mg/L	0.0175	0.0132	0.0137	0.0146	0.0231	0.00922	0.0156				EPA200.8	0.00007	4.5138682	89.55	LSM	07-20-99
Color (color units)	*	PCU	25.0	100	20.0	40.0	150	50.0	30.0				SM2120B	5			DRP	07-14-99
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1				SM2150B	1			DRP	07-14-99
pH (units)	*	pH	6.34	7.53	7.16	7.90	7.60	6.89	6.59				EPA150.1	0.01	0.8242543	100.82857	DRP	07-14-99
Total Dissolved Solids	*	mg/L	54.0	90.0	304	178	216	398	400				SM2540C	2.5	4.5382346	102.33333	RJB	07-19-99
Foaming Agents	*	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				SM5540C	0.1	0.1188436	78.368804	TRB	07-16-99
Turbidity	*	NTU	17.0	29.6	33.0	34.0	116	26.0	32.0				EPA180.1	0.05	0	97.5	DRP	07-14-99
Ammonium(as N)	*	mg/L	<0.01	0.0242	0.0523	0.0385	0.0173	3.59	<0.01				EPA350.1	0.01	6.9603261	92.5	EVB	07-19-99
Gross alpha	*	pC/L	9.1	5.3	27	36	83	2.1	6.7				EPA900	0.1			PL	07-28-99
Analysis Error(Ga)	*	pC/L	0.4	0.3	2	22	16	1.3	2.2				EPA900	0.1			PL	07-28-99
Photon emitters	*	pC/L											-	0.1				
Analysis Error(Photon)	*	pC/L											-	0.1				
Radium-226	*	pC/L	1.3	1.3	2.2	3	1.9	2.5	4.5				EPA903.1	0.1			PL	07-28-99
Analysis Error(226)	*	pC/L	0.2	0.2	0.3	1	0.8	0.3	0.4				EPA903.1	0.1			PL	07-28-99
Radium-228	*	pC/L	5.7	1	0.7	19.3	<0.1	0.2	<0.1				EPA904	0.3			PL	07-28-99
Analysis Error(228)	*	pC/L	1	0.7	0.7	4.8	4.8	0.6	0.6				EPA904	0.3			PL	07-28-99
Man-made beta & photon	*	pC/L	-	-	-	-	-	-	-				EPA900	0.1			PL	07-28-99
Analysis Error(beta & pho)	*	pC/L	-	-	-	-	-	-	-				EPA900	0.1			PL	07-28-99
Date Received:			07-14-99		Typed:			08-10-99		Sent:			08-10-99					
Project Number	Sumter Landfill																	
PO Number	N/A																	
Date Sampled	1 07-14-99 *																	
Date Analyzed	0																	
Compacted	1																	
Format	NormRR																	

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

1905	Color (color units)	15726	25.0	SM2120B	5	15	7/14/1999
1925	pH	15726	6.34	EPA150.1	0.01	6.5 - 8.5	7/14/1999
4000	Gross alpha	15726	9.10	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15726	1.30	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15726	5.70	EPA904	0.3	0	7/28/1999

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): 7/14/99

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 6/30/2000

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: 15726

Date Sample(s) Recieved: 7/14/99

Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

☒ Nitrate

☒ Nitrite

☐ Asbestos

☐ Trihalomethanes

Inorganics

Volatile Organics

Secondaries

Pesticides & PCBs

☒ All 17 ☐ Partial ☐ All 21 ☐ Partial

☐ All 14 ☒ Partial

☐ All 30 ☐ Partial

Group I Unregulateds Group II Unregulateds

Group III Unregulateds

Radiochemicals

☐ All 13 ☐ Partial ☐ All 23 ☐ Partial

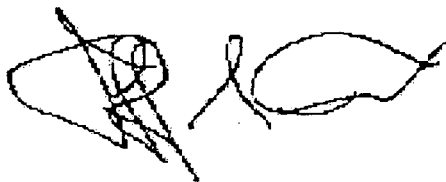
☐ All 11 ☐ Partial

☒ Single Sample

☐ Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____

Title: Technical Director

Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15726	<0.00005	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15726	0.00470	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15726	0.000836	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15726	0.00358	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15726	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15726	0.523	SM4500F C	0.01	4	07-19-99
1030 Lead	15726	0.000378	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15726	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15726	0.00299	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15726	0.456	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15726	<0.01	EPA353.2	0.01	1	07-14-99
1045 Selenium	15726	0.000301	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15726	3.09	EPA200.7	0.01	160	07-19-99
1074 Antimony	15726	0.000541	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15726	0.000270	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15726	<0.0001	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15726		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	15726	0.186	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15726	7.94	EPA300	0.1	250	07-19-99
1022 Copper	15726	0.0117	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15726	0.523	SM4500F C	0.01	2	07-19-99
1028 Iron	15726	0.0374	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15726	0.00580	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15726	<0.00005	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15726	4.27	EPA375.4	1	250	07-19-99
1095 Zinc	15726	0.0175	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15726	25.0	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15726	<1	SM2150B	1	3	07-14-99
1925 pH	15726	6.34	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15726	54.0	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15726	<0.1	SM5540C	0.1	0.5	07-16-99

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	15726	9.10	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15726	0.400	EPA900	0.1		07-28-99
4012 Photon emitters	15726		-	0.1		
4012 Analysis_Error(Photon)	15726		-	0.1		
4020 Radium-226	15726	1.30	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15726	0.200	EPA903.1	0.1		07-28-99
4030 Radium-228	15726	5.70	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15726	1.00	EPA904	0.3		07-28-99
4101 Man-made beta	15726		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15726		EPA900	0.1		07-28-99

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	15727	5.49	EPA200.8	0.001	0.2	7/23/1999
1028	Iron	15727	1.19	EPA200.7	0.004	0.3	7/19/1999
1032	Manganese	15727	0.266	EPA200.7	0.0005	0.05	7/19/1999
1905	Color (color units)	15727	100	SM2120B	5	15	7/14/1999
4000	Gross alpha	15727	5.30	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15727	1.30	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15727	1.00	EPA904	0.3	0	7/28/1999

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): 7/14/99 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 6/30/2000
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: 15727

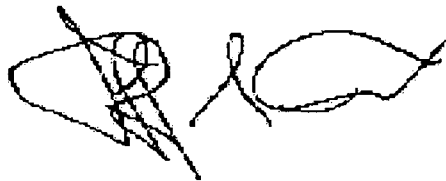
Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15727	0.000600	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15727	0.0412	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15727	0.000600	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15727	0.0134	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15727	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15727	1.04	SM4500F C	0.01	4	07-19-99
1030 Lead	15727	0.00589	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15727	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15727	0.00519	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15727	0.973	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15727	0.0239	EPA353.2	0.01	1	07-14-99
1045 Selenium	15727	0.00107	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15727	4.75	EPA200.7	0.01	160	07-19-99
1074 Antimony	15727	0.00422	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15727	0.000739	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15727	<0.0001	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15727		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	15727	5.49	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15727	4.04	EPA300	0.1	250	07-19-99
1022 Copper	15727	0.00767	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15727	1.04	SM4500F C	0.01	2	07-19-99
1028 Iron	15727	1.19	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15727	0.266	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15727	0.000473	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15727	7.85	EPA375.4	1	250	07-19-99
1095 Zinc	15727	0.0132	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15727	100	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15727	<1	SM2150B	1	3	07-14-99
1925 pH	15727	7.53	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15727	90.0	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15727	<0.1	SM5540C	0.1	0.5	07-16-99

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	15727	5.30	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15727	0.300	EPA900	0.1		07-28-99
4012 Photon emitters	15727		-	0.1		
4012 Analysis_Error(Photon)	15727		-	0.1		
4020 Radium-226	15727	1.30	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15727	0.200	EPA903.1	0.1		07-28-99
4030 Radium-228	15727	1.00	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15727	0.700	EPA904	0.3		07-28-99
4101 Man-made beta	15727		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15727		EPA900	0.1		07-28-99

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

1040	Nitrate(as N)	15728	18.3	EPA300.0	0.02	10	7/16/1999
1002	Aluminum	15728	3.21	EPA200.8	0.001	0.2	7/23/1999
1905	Color (color units)	15728	20.0	SM2120B	5	15	7/14/1999
4000	Gross alpha	15728	27.0	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15728	2.20	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15728	0.700	EPA904	0.3	0	7/28/1999

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): 7/14/99 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 6/30/2000
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: 15728

Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____

Title: Technical Director

Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15728	0.00102	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15728	0.0235	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15728	0.000911	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15728	0.00611	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15728	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15728	0.695	SM4500F C	0.01	4	07-19-99
1030 Lead	15728	0.00353	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15728	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15728	0.00379	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15728	18.3	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15728	0.162	EPA353.2	0.01	1	07-14-99
1045 Selenium	15728	0.00357	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15728	53.1	EPA200.7	0.01	160	07-19-99
1074 Antimony	15728	0.00237	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15728	0.000377	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15728	0.00186	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15728		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	15728	3.21	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15728	67.8	EPA300	0.1	250	07-19-99
1022 Copper	15728	0.0103	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15728	0.695	SM4500F C	0.01	2	07-19-99
1028 Iron	15728	0.254	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15728	0.0194	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15728	0.000282	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15728	9.11	EPA375.4	1	250	07-19-99
1095 Zinc	15728	0.0137	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15728	20.0	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15728	<1	SM2150B	1	3	07-14-99
1925 pH	15728	7.16	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15728	304	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15728	<0.1	SM5540C	0.1	0.5	07-16-99

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	15728	27.0	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15728	2.00	EPA900	0.1		07-28-99
4012 Photon emitters	15728		-	0.1		
4012 Analysis_Error(Photon)	15728		-	0.1		
4020 Radium-226	15728	2.20	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15728	0.300	EPA903.1	0.1		07-28-99
4030 Radium-228	15728	0.700	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15728	0.700	EPA904	0.3		07-28-99
4101 Man-made beta	15728		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15728		EPA900	0.1		07-28-99

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	15729	4.11	EPA200.8	0.001	0.2	7/23/1999
1028	Iron	15729	0.546	EPA200.7	0.004	0.3	7/19/1999
1905	Color (color units)	15729	40.0	SM2120B	5	15	7/14/1999
4000	Gross alpha	15729	36.0	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15729	3.00	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15729	19.3	EPA904	0.3	0	7/28/1999

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): 7/14/99 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 6/30/2000
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: 15729

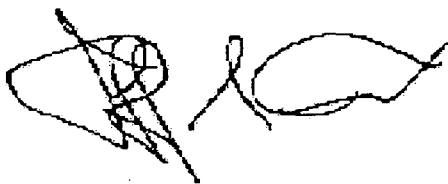
Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15729	0.000583	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15729	0.0229	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15729	0.00127	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15729	0.0197	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15729	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15729	0.523	SM4500F C	0.01	4	07-19-99
1030 Lead	15729	0.00328	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15729	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15729	0.00678	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15729	5.00	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15729	<0.01	EPA353.2	0.01	1	07-14-99
1045 Selenium	15729	0.000369	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15729	4.58	EPA200.7	0.01	160	07-19-99
1074 Antimony	15729	0.00206	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15729	0.000122	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15729	0.000145	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15729		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	15729	4.11	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15729	8.08	EPA300	0.1	250	07-19-99
1022 Copper	15729	0.00917	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15729	0.523	SM4500F C	0.01	2	07-19-99
1028 Iron	15729	0.546	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15729	0.0253	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15729	0.000194	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15729	6.63	EPA375.4	1	250	07-19-99
1095 Zinc	15729	0.0146	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15729	40.0	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15729	<1	SM2150B	1	3	07-14-99
1925 pH	15729	7.90	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15729	178	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15729	<0.1	SM5540C	0.1	0.5	07-16-99

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	15729	36.0	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15729	22.0	EPA900	0.1		07-28-99
4012 Photon emitters	15729		-	0.1		
4012 Analysis_Error(Photon)	15729		-	0.1		
4020 Radium-226	15729	3.00	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15729	1.00	EPA903.1	0.1		07-28-99
4030 Radium-228	15729	19.3	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15729	4.80	EPA904	0.3		07-28-99
4101 Man-made beta	15729		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15729		EPA900	0.1		07-28-99

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	15730	11.4	EPA200.8	0.001	0.2	7/23/1999
1028	Iron	15730	1.84	EPA200.7	0.004	0.3	7/19/1999
1905	Color (color units)	15730	150	SM2120B	5	15	7/14/1999
4000	Gross alpha	15730	83.0	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15730	1.90	EPA903.1	0.1	0	7/28/1999
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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): 7/14/99 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 6/30/2000
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)

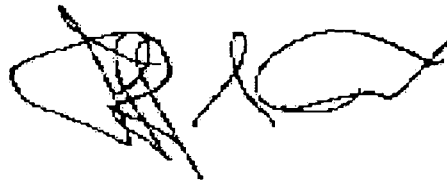
Lab Number: 15730

Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

Inorganics	Volatile Organics	Secondaries	Pesticides & PCBs
☒ All 17 ☐ Partial	☐ All 21 ☐ Partial	☐ All 14 ☒ Partial	☐ All 30 ☐ Partial
Group I Unregulateds	Group II Unregulateds	Group III Unregulateds	Radiochemicals
☐ All 13 ☐ Partial	☐ All 23 ☐ Partial	☐ All 11 ☐ Partial	☒ Single Sample
			☐ Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15730	0.00128	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15730	0.0594	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15730	0.00353	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15730	0.0617	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15730	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15730	1.04	SM4500F C	0.01	4	07-19-99
1030 Lead	15730	0.00928	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15730	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15730	0.0179	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15730	<0.02	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15730	0.0146	EPA353.2	0.01	1	07-14-99
1045 Selenium	15730	0.000556	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15730	4.77	EPA200.7	0.01	160	07-19-99
1074 Antimony	15730	0.00326	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15730	0.00184	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15730	0.000223	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15730		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	15730	11.4	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15730	7.07	EPA300	0.1	250	07-19-99
1022 Copper	15730	0.00867	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15730	1.04	SM4500F C	0.01	2	07-19-99
1028 Iron	15730	1.84	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15730	0.0367	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15730	0.00839	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15730	3.21	EPA375.4	1	250	07-19-99
1095 Zinc	15730	0.0231	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15730	150	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15730	<1	SM2150B	1	3	07-14-99
1925 pH	15730	7.60	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15730	216	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15730	<0.1	SM5540C	0.1	0.5	07-16-99

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	15730	83.0	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15730	16.0	EPA900	0.1		07-28-99
4012 Photon emitters	15730		-	0.1		
4012 Analysis_Error(Photon)	15730		-	0.1		
4020 Radium-226	15730	1.90	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15730	0.800	EPA903.1	0.1		07-28-99
4030 Radium-228	15730	<0.1	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15730	4.80	EPA904	0.3		07-28-99
4101 Man-made beta	15730		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15730		EPA900	0.1		07-28-99

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	15731	1.40	EPA200.7	0.004	0.3	7/19/1999
1032	Manganese	15731	0.0960	EPA200.7	0.0005	0.05	7/19/1999
1905	Color (color units)	15731	50.0	SM2120B	5	15	7/14/1999

UNREGULATED

4020	Radium-226	15731	2.50	EPA903.1	0.1	0	7/28/1999
4030	Radium-228	15731	0.200	EPA904	0.3	0	7/28/1999

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): 7/14/99 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 6/30/2000
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)

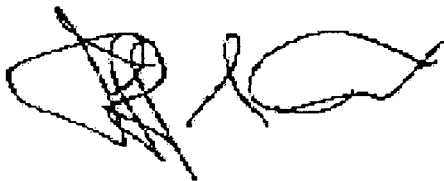
Lab Number: 15731
Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15731	0.000523	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15731	0.00834	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15731	0.000605	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15731	0.0146	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15731	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15731	0.924	SM4500F C	0.01	4	07-19-99
1030 Lead	15731	0.000325	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15731	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15731	0.00713	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15731	1.65	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15731	0.0121	EPA353.2	0.01	1	07-14-99
1045 Selenium	15731	0.000925	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15731	12.3	EPA200.7	0.01	160	07-19-99
1074 Antimony	15731	<0.0002	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15731	<0.0001	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15731	0.000182	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15731		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	15731	0.0240	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15731	6.90	EPA300	0.1	250	07-19-99
1022 Copper	15731	0.00324	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15731	0.924	SM4500F C	0.01	2	07-19-99
1028 Iron	15731	1.40	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15731	0.0960	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15731	<0.00005	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15731	5.84	EPA375.4	1	250	07-19-99
1095 Zinc	15731	0.00922	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15731	50.0	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15731	<1	SM2150B	1	3	07-14-99
1925 pH	15731	6.89	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15731	398	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15731	<0.1	SM5540C	0.1	0.5	07-16-99

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	15731	2.10	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15731	1.30	EPA900	0.1		07-28-99
4012 Photon emitters	15731		-	0.1		
4012 Analysis_Error(Photon)	15731		-	0.1		
4020 Radium-226	15731	2.50	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15731	0.300	EPA903.1	0.1		07-28-99
4030 Radium-228	15731	0.200	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15731	0.600	EPA904	0.3		07-28-99
4101 Man-made beta	15731		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15731		EPA900	0.1		07-28-99

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	15732	0.605	EPA200.7	0.004	0.3	7/19/1999
1032	Manganese	15732	0.128	EPA200.7	0.0005	0.05	7/19/1999
1905	Color (color units)	15732	30.0	SM2120B	5	15	7/14/1999
4000	Gross alpha	15732	6.70	EPA900	0.1	5	7/28/1999

UNREGULATED

4020	Radium-226	15732	4.50	EPA903.1	0.1	0	7/28/1999
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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): 7/14/99 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 6/30/2000
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: 15732

Date Sample(s) Recieved: 7/14/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☐ Trihalomethanes
Inorganics Volatile Organics Secondaries Pesticides & PCBs
☒ All 17 ☐ Partial ☐ All 21 ☐ Partial ☐ All 14 ☒ Partial ☐ All 30 ☐ Partial
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals
☐ All 13 ☐ Partial ☐ All 23 ☐ Partial ☐ All 11 ☐ Partial ☒ Single Sample
☐ Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 8/10/99

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 Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	15732	0.00406	EPA200.8	0.00005	0.05	07-20-99
1010 Barium	15732	0.0184	EPA200.8	0.0004	2	07-20-99
1015 Cadmium	15732	0.000853	EPA200.8	0.00005	0.005	07-20-99
1020 Chromium	15732	0.0419	EPA200.8	0.0002	0.1	07-20-99
1024 Cyanide	15732	<0.005	SM4500-CN E	0.005	0.2	07-19-99
1025 Fluoride	15732	0.504	SM4500F C	0.01	4	07-19-99
1030 Lead	15732	<0.0001	EPA200.8	0.0001	0.015	07-20-99
1035 Mercury	15732	<0.0002	EPA245.1	0.0002	0.002	07-26-99
1036 Nickel	15732	0.0197	EPA200.8	0.0002	0.1	07-20-99
1040 Nitrate(as N)	15732	0.0518	EPA300.0	0.02	10	07-16-99
1041 Nitrite(as N)	15732	<0.01	EPA353.2	0.01	1	07-14-99
1045 Selenium	15732	0.00148	EPA200.8	0.0003	0.05	07-20-99
1052 Sodium	15732	22.1	EPA200.7	0.01	160	07-19-99
1074 Antimony	15732	0.00128	EPA200.8	0.0002	0.006	07-20-99
1075 Beryllium	15732	<0.0001	EPA200.8	0.0001	0.004	07-20-99
1085 Thallium	15732	0.000297	EPA200.8	0.0001	0.002	07-20-99
1094 Asbestos	15732		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	15732	0.00294	EPA200.8	0.001	0.2	07-23-99
1017 Chloride	15732	5.48	EPA300	0.1	250	07-19-99
1022 Copper	15732	0.00117	EPA200.8	0.0002	1	07-20-99
1025 Fluoride	15732	0.504	SM4500F C	0.01	2	07-19-99
1028 Iron	15732	0.605	EPA200.7	0.004	0.3	07-19-99
1032 Manganese	15732	0.128	EPA200.7	0.0005	0.05	07-19-99
1050 Silver	15732	<0.00005	EPA200.8	0.00005	0.1	07-20-99
1055 Sulfate	15732	4.50	EPA375.4	1	250	07-19-99
1095 Zinc	15732	0.0156	EPA200.8	0.0007	5	07-20-99
1905 Color (color units)	15732	30.0	SM2120B	5	15	07-14-99
1920 Odor (total odor number)	15732	<1	SM2150B	1	3	07-14-99
1925 pH	15732	6.59	EPA150.1	0.01	6.5 - 8.5	07-14-99
1930 Total Dissolved Solids	15732	400	SM2540C	2.5	500	07-19-99
2905 Foaming Agents	15732	<0.1	SM5540C	0.1	0.5	07-16-99

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	15732	6.70	EPA900	0.1		5 07-28-99
4000 Analysis_Error(Ga)	15732	2.20	EPA900	0.1		07-28-99
4012 Photon emitters	15732		-	0.1		
4012 Analysis_Error(Photon)	15732		-	0.1		
4020 Radium-226	15732	4.50	EPA903.1	0.1		07-28-99
4020 Analysis_Error(226)	15732	0.400	EPA903.1	0.1		07-28-99
4030 Radium-228	15732	<0.1	EPA904	0.3		07-28-99
4030 Analysis_Error(228)	15732	0.600	EPA904	0.3		07-28-99
4101 Man-made beta	15732		EPA900	0.1		07-28-99
4101 Analysis_Error(beta)	15732		EPA900	0.1		07-28-99

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

**CHEMICAL
LABORATORIES
INCORPORATED**

Contact

Signature Date Sampled
Ron Elrod 7-14-99

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY

