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

D.E.P.
APR 0 9 1999
Southwest District Tampa

DEP Form # 62-522.900(2)

Form Title GROUND WATER MONITORING REPORT

Effective Date

DEP Application No.

Florida Department of Environmental Protection

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

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
APR 09 1999
SOUTHWEST DISTRICT
TAMPA

PART I GENERAL INFORMATION

(1) Facility Name Sumter County Solid Waste Management Facility

Address 319 E. Anderson Avenue

City Bushnell Zip 33513

Telephone Number (352) 793-0240

(2) The GMS Identification Number 4060C00092

(3) DEP Permit Number 22926-002-SF

(4) Authorized Representative Name Garry Breedon

Address 319 E. Anderson Avenue

City Bushnell Zip 33513

Telephone Number (352) 793-0240

(5) Type of Discharge

(6) Method of Discharge Groundwater Slow Rate Infiltration

Certification

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

Date: 3-22-99

Signature of Owner or Authorized Representative

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

Data Release Authorization

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

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

481 NEWBURYPORT AVE.
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FLOWERS
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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14169
Color (color units)	PCU	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	6.15
TDS	mg/L	2.50	135.	7.28	94.0
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	22.0
Ammonia(as N)	mg/L	0.0100	95.1	21.0	<0.0100
Gross alpha	pCi/L	0.100			9.00
Analysis Error	pCi/L	0.100			0.600
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			1.60
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			<0.300
Analysis_Error(228)	pCi/L	0.300			0.500
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			14.4
Field Conductivity	umhos/c	0.0100			150.
Field pH (units)	pH	0.0100			6.02

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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Jefferson S. Flowers, Ph.d.
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Received From:
Cent.Testing Lab
PO Box 883
FloralCity,FL 34436

Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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President/Technical Director

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14170
Color (color units)	PCU	5.00			40.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	7.15
TDS	mg/L	2.50	135.	7.28	326.
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	52.0
Ammonia(as N)	mg/L	0.0100	95.1	21.0	0.0638
Gross alpha	pCi/L	0.100			5.50
Analysis Error	pCi/L	0.100			0.800
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			0.900
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			<0.300
Analysis_Error(228)	pCi/L	0.300			0.600
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			13.9
Field Conductivity	umhos/c	0.0100			379.
Field pH (units)	pH	0.0100			6.70

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14171
Color (color units)	PCU	5.00			500.
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	7.05
TDS	mg/L	2.50	135.	7.28	693.
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	370.
Ammonia(as N)	mg/L	0.0100	95.1	21.0	0.0872
Gross alpha	pCi/L	0.100			1.10
Analysis Error	pCi/L	0.100			0.800
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			0.200
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	0.300			2.50
Analysis_Error(228)	pCi/L	0.300			2.60
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			16.5
Field Conductivity	umhos/c	0.0100			1170
Field pH (units)	pH	0.0100			6.53

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

For: SL6A
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

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

For: SL6A
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14172
Color (color units)	PCU	5.00			200.
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	7.85
TDS	mg/L	2.50	135.	7.28	270.
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	450.
Ammonia(as N)	mg/L	0.0100	95.1	21.0	0.0209
Gross alpha	pCi/L	0.100			21.0
Analysis Error	pCi/L	0.100			3.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			2.50
Analysis_Error(226)	pCi/L	0.100			0.600
Radium 228	pCi/L	0.300			4.50
Analysis_Error(228)	pCi/L	0.300			2.80
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			13.1
Field Conductivity	umhos/c	0.0100			339.
Field pH (units)	pH	0.0100			7.05

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

For: SL7
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14173
Color (color units)	PCU	5.00			<5.00
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	7.60
TDS	mg/L	2.50	135.	7.28	260.
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	2.80
Ammonia(as N)	mg/L	0.0100	95.1	21.0	<0.0100
Gross alpha	pCi/L	0.100			1.00
Analysis Error	pCi/L	0.100			1.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			0.500
Analysis_Error(226)	pCi/L	0.100			0.100
Radium 228	pCi/L	0.300			0.300
Analysis_Error(228)	pCi/L	0.300			0.600
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			13.5
Field Conductivity	umhos/c	0.0100			358.
Field pH (units)	pH	0.0100			6.85

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

For: SL8
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

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Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	14174
Color (color units)	PCU	5.00			<5.00
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	.620	5.80
TDS	mg/L	2.50	135.	7.28	244.
Foaming_Agents	mg/L	0.100	59.4	.170	<0.100
Turbidity	NTU	0.0500	115.	8.04	0.470
Ammonia(as N)	mg/L	0.0100	95.1	21.0	0.0158
Gross alpha	pCi/L	0.100			2.70
Analysis Error	pCi/L	0.100			1.30
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			0.500
Analysis_Error(226)	pCi/L	0.100			0.100
Radium 228	pCi/L	0.300			0.500
Analysis_Error(228)	pCi/L	0.300			0.600
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-
Field Temp. (C)	oC	1.00			13.6
Field Conductivity	umhos/c	0.0100			617.
Field pH (units)	pH	0.0100			6.52

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

For: SL9
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

Data Release Authorization

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 T. Flowers, Ph.d.
President/Technical Director

481 NEWBURYPORT AVE.
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FLORIDA 32701
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ALTAMONTE SPRINGS,
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BUS: (407) 339-5984
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WEB: www.flowerslabs.com

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Mar12 1999
Project Number : Sumter Landfill
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9
Date Sampled:Feb 2 1999 Date Received:Feb 2 1999 Lab Numbers: 14169-14175

REPORT OF ANALYSIS

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

Data Release Authorization
Sample integrity certified prior to analysis.Deficiencies are in QA Report Sec.4
Methods of analysis in accordance with FCL QA and EPA approved methodology .
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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FLOWERS CHEMICAL LABORATORIES

ANALYTICAL RESULTS FORM HRS Number 83139

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

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

Project Number Sumter Landfill

PO Number N/A

Date Sampled 1 02-02-99

Date Analyzed	0	
Compacted	1	
Format	NormRR	
Unit Cost	Exted	
Secs93	8500	7 *
Ino93	9500	7 *
GA	4000	7 *
Ra226228	27000	7 *
TB	700	7 *
NH4	1200	7 *

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

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

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL1

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14169

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

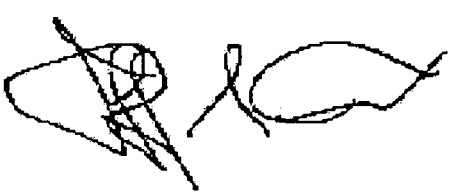
(X) *Nitrate* (X) *Nitrite* ( ) *Asbestos* ( ) *Trihalomethanes*

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14169	0.000549	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14169	0.0543	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14169	0.000622	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14169	0.0148	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14169	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14169	0.575	SM4500F C	0.01	4	03-08-99
1030	Lead	14169	0.00711	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14169	0.000356	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14169	0.00436	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14169	0.0876	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14169	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14169	<0.0003	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14169	3.84	EPA200.7	0.01	160	02-03-99
1074	Antimony	14169	0.00744	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14169	0.00112	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14169	0.000154	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14169		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14169	0.242	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14169	25.9	EPA300	0.1	250	02-26-99
1022	Copper	14169	0.00867	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14169	0.575	SM4500F C	0.01	2	03-08-99
1028	Iron	14169	0.799	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14169	0.0173	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14169	0.000172	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14169	4.85	EPA375.4	1	250	02-08-99
1095	Zinc	14169	0.0146	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14169	20.0	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14169	<1	SM2150B	1	3	02-02-99
1925	pH	14169	6.15	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14169	94.0	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14169	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14169	9.00	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14169	0.600	EPA900	0.1		03-10-99
4012	Photon emitters	14169		-	0.1		
4012	Analysis_Error(Photon)	14169		-	0.1		
4020	Radium-226	14169	1.60	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14169	0.200	EPA903.1	0.1		03-10-99
4030	Radium-228	14169	<0.3	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14169	0.500	EPA904	0.3		03-10-99
4101	Man-made beta	14169		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14169		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1028	Iron	14170	0.937	EPA200.7	0.004	0.3	2/3/1999
1032	Manganese	14170	0.341	EPA200.7	0.0005	0.05	2/3/1999
1905	Color (color units)	14170	40.0	SM2120B	5	15	2/2/1999
4000	Gross alpha	14170	5.50	EPA900	0.1	5	3/10/1999

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL2

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14170

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

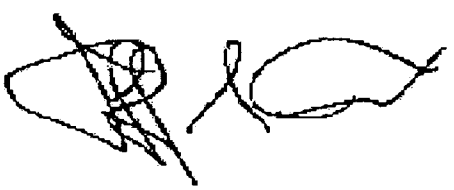
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14170	0.000589	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14170	0.0390	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14170	0.000412	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14170	0.00844	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14170	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14170	1.26	SM4500F C	0.01	4	03-08-99
1030	Lead	14170	0.00481	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14170	<0.0002	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14170	0.00528	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14170	1.70	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14170	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14170	<0.0003	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14170	12.0	EPA200.7	0.01	160	02-03-99
1074	Antimony	14170	0.00350	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14170	0.000711	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14170	0.000203	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14170		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14170	<0.001	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14170	11.8	EPA300	0.1	250	02-26-99
1022	Copper	14170	0.0101	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14170	1.26	SM4500F C	0.01	2	03-08-99
1028	Iron	14170	0.937	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14170	0.341	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14170	0.0177	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14170	11.6	EPA375.4	1	250	02-08-99
1095	Zinc	14170	0.0112	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14170	40.0	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14170	<1	SM2150B	1	3	02-02-99
1925	pH	14170	7.15	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14170	326	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14170	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis

62-550.310(5)

(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14170	5.50	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14170	0.800	EPA900	0.1		03-10-99
4012	Photon emitters	14170		-	0.1		
4012	Analysis_Error(Photon)	14170		-	0.1		
4020	Radium-226	14170	0.900	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14170	0.200	EPA903.1	0.1		03-10-99
4030	Radium-228	14170	0.200	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14170	0.600	EPA904	0.3		03-10-99
4101	Man-made beta	14170		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14170		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1015	Cadmium	14171	0.00706	EPA200.8	0.00005	0.005	2/4/1999
1030	Lead	14171	0.0374	EPA200.8	0.0001	0.015	2/4/1999
1040	Nitrate(as N)	14171	21.3	EPA300.0	0.02	10	2/5/1999
1002	Aluminum	14171	1.48	EPA200.8	0.001	0.2	2/12/1999
1028	Iron	14171	1.90	EPA200.7	0.004	0.3	2/3/1999
1905	Color (color units)	14171	500	SM2120B	5	15	2/2/1999
1930	Total Dissolved Solids	14171	693	SM2540C	2.5	500	2/3/1999

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL4

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14171

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

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

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14171	0.00177	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14171	0.258	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14171	0.00706	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14171	0.0717	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14171	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14171	1.36	SM4500F C	0.01	4	03-08-99
1030	Lead	14171	0.0374	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14171	0.000759	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14171	0.0220	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14171	21.3	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14171	0.260	EPA353.2	0.01	1	02-03-99
1045	Selenium	14171	0.00254	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14171	73.0	EPA200.7	0.01	160	02-03-99
1074	Antimony	14171	0.00233	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14171	0.00387	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14171	0.00168	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14171		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14171	1.48	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14171	32.9	EPA300	0.1	250	02-26-99
1022	Copper	14171	0.0188	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14171	1.36	SM4500F C	0.01	2	03-08-99
1028	Iron	14171	1.90	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14171	0.0466	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14171	0.000513	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14171	16.7	EPA375.4	1	250	02-08-99
1095	Zinc	14171	0.0381	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14171	500	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14171	<1	SM2150B	1	3	02-02-99
1925	pH	14171	7.05	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14171	693	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14171	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14171	1.10	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14171	0.800	EPA900	0.1		03-10-99
4012	*Photon emitters*	14171		-	0.1		
4012	Analysis_Error(Photon)	14171		-	0.1		
4020	Radium-226	14171	0.200	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14171	0.200	EPA903.1	0.1		03-10-99
4030	Radium-228	14171	2.50	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14171	2.60	EPA904	0.3		03-10-99
4101	Man-made beta	14171		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14171		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1002	Aluminum	14172	2.97	EPA200.8	0.001	0.2	2/12/1999
1028	Iron	14172	1.13	EPA200.7	0.004	0.3	2/3/1999
1905	Color (color units)	14172	200	SM2120B	5	15	2/2/1999
4000	Gross alpha	14172	21.0	EPA900	0.1	5	3/10/1999

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL6A

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14172

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

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

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14172	0.000956	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14172	0.0833	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14172	0.00223	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14172	0.0413	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14172	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14172	0.834	SM4500F C	0.01	4	03-08-99
1030	Lead	14172	0.00911	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14172	0.000290	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14172	0.0131	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14172	4.83	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14172	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14172	0.00109	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14172	3.87	EPA200.7	0.01	160	02-03-99
1074	Antimony	14172	0.00222	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14172	0.000372	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14172	<0.0001	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14172		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14172	2.97	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14172	28.2	EPA300	0.1	250	02-26-99
1022	Copper	14172	0.00928	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14172	0.834	SM4500F C	0.01	2	03-08-99
1028	Iron	14172	1.13	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14172	0.0357	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14172	0.0304	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14172	9.25	EPA375.4	1	250	02-08-99
1095	Zinc	14172	0.0172	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14172	200	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14172	<1	SM2150B	1	3	02-02-99
1925	pH	14172	7.85	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14172	270	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14172	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14172	21.0	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14172	3.00	EPA900	0.1		03-10-99
4012	Photon emitters	14172		-	0.1		
4012	Analysis_Error(Photon)	14172		-	0.1		
4020	Radium-226	14172	2.50	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14172	0.600	EPA903.1	0.1		03-10-99
4030	Radium-228	14172	4.50	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14172	2.80	EPA904	0.3		03-10-99
4101	Man-made beta	14172		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14172		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL7

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14173

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

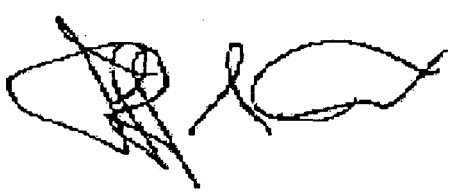
(X) Nitrate (X) Nitrite ( ) Asbestos ( ) Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14173	0.000339	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14173	0.00498	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14173	0.000252	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14173	0.00871	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14173	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14173	0.611	SM4500F C	0.01	4	03-08-99
1030	Lead	14173	0.000216	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14173	0.00132	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14173	0.00148	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14173	1.35	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14173	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14173	0.000481	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14173	4.03	EPA200.7	0.01	160	02-03-99
1074	Antimony	14173	0.00180	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14173	<0.0001	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14173	<0.0001	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14173		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14173	0.161	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14173	25.9	EPA300	0.1	250	02-26-99
1022	Copper	14173	0.00150	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14173	0.611	SM4500F C	0.01	2	03-08-99
1028	Iron	14173	0.0276	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14173	<0.0005	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14173	<0.00005	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14173	4.60	EPA375.4	1	250	02-08-99
1095	Zinc	14173	0.00257	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14173	<5	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14173	<1	SM2150B	1	3	02-02-99
1925	pH	14173	7.60	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14173	260	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14173	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14173	1.00	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14173	1.00	EPA900	0.1		03-10-99
4012	Photon emitters	14173		-	0.1		
4012	Analysis_Error(Photon)	14173		-	0.1		
4020	Radium-226	14173	0.500	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14173	0.100	EPA903.1	0.1		03-10-99
4030	Radium-228	14173	0.300	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14173	0.600	EPA904	0.3		03-10-99
4101	Man-made beta	14173		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14173		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

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

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Landfill

Address: PO Box 883 FloralCity,FL 34436 Phone #: _____

Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 2/2/99 Sample Time : _____

Sample Location (be specific): SL8

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99

Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 *Phone #:* (407) 339-5984

Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14174

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

(X) Nitrate	(X) Nitrite	( ) Asbestos	( ) Trihalomethanes
Inorganics	Volatile Organics	Secondaries	Pesticides & PCBs
(X) All 17 ( ) Partial	( ) All 21 ( ) Partial	( ) All 14 (X) Partial	( ) All 30 ( ) Partial
Group I Unregulateds	Group II Unregulateds	Group III Unregulateds	Radiochemicals
( ) All 13 ( ) Partial	( ) All 23 ( ) Partial	( ) All 11 ( ) Partial	(X) Single Sample
			( ) Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature:_____

Title: Technical Director Date: 3/12/99

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14174	0.000367	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14174	0.00587	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14174	0.000170	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14174	0.0125	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14174	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14174	0.834	SM4500F C	0.01	4	03-08-99
1030	Lead	14174	0.000138	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14174	0.000356	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14174	0.00179	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14174	0.0662	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14174	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14174	0.000445	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14174	4.51	EPA200.7	0.01	160	02-03-99
1074	Antimony	14174	0.00100	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14174	<0.0001	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14174	<0.0001	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14174		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14174	0.0618	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14174	18.8	EPA300	0.1	250	02-26-99
1022	Copper	14174	0.00141	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14174	0.834	SM4500F C	0.01	2	03-08-99
1028	Iron	14174	0.0215	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14174	<0.0005	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14174	<0.00005	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14174	5.10	EPA375.4	1	250	02-08-99
1095	Zinc	14174	0.00214	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14174	<5	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14174	<1	SM2150B	1	3	02-02-99
1925	pH	14174	5.80	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14174	244	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14174	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	*Gross alpha*	14174	2.70	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14174	1.30	EPA900	0.1		03-10-99
4012	Photon emitters	14174		-	0.1		
4012	Analysis_Error(Photon)	14174		-	0.1		
4020	Radium-226	14174	0.500	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14174	0.100	EPA903.1	0.1		03-10-99
4030	Radium-228	14174	0.500	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14174	0.600	EPA904	0.3		03-10-99
4101	Man-made beta	14174		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14174		EPA900	0.1		03-10-99

DRINKING WATER EXCEEDANCE REPORT

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

When the MCL is exceeded for any primary, DEP or HRS is to be notified within 48 hours.
Confirmations required within 24 hours for Nitrate or Nitrite MCL exceedances.
Dioxin detects must be reported to Ken Carter 904/487-1762 immediately.
Confirmations required for any unregulated detect.
Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1028	Iron	14175	0.415	EPA200.7	0.004	0.3	2/3/1999
1905	Color (color units)	14175	70.0	SM2120B	5	15	2/2/1999
1930	Total Dissolved Solids	14175	623	SM2540C	2.5	500	2/3/1999
4000	Gross alpha	14175	37.0	EPA900	0.1	5	3/10/1999

UNREGULATED

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

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)
System Name: _____ I.D. #: Sumter Landfill
Address: PO Box 883 FloralCity,FL 34436 Phone #: _____
Type (check one): ( )Community ( )Nontransient Noncommunity ( )Noncommunity

SAMPLE INFORMATION (to be completed by sampler)
Sample Date (MMDDYY): 2/2/99 Sample Time : _____
Sample Location (be specific): SL9
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/99
Address: PO Box 150-597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab) Lab Number: 14175
Date Sample(s) Recieved: 2/2/99 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:

(X) Nitrate	(X) Nitrite	( ) Asbestos	( ) Trihalomethanes
Inorganics	Volatile Organics	Secondaries	Pesticides & PCBs
(X) All 17 ( ) Partial	( ) All 21 ( ) Partial	( ) All 14 (X) Partial	( ) All 30 ( ) Partial
Group I Unregulateds	Group II Unregulateds	Group III Unregulateds	Radiochemicals
( ) All 13 ( ) Partial	( ) All 23 ( ) Partial	( ) All 11 ( ) Partial	(X) Single Sample
			( ) Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



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

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

Person notified to resample: _____ Date notified: _____/_____/_____

DEP /ACPHU Reviewing Offical:_____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005	Arsenic	14175	0.00137	EPA200.8	0.00005	0.05	02-04-99
1010	Barium	14175	0.0122	EPA200.8	0.0004	2	02-04-99
1015	Cadmium	14175	0.000223	EPA200.8	0.00005	0.005	02-04-99
1020	Chromium	14175	0.0273	EPA200.8	0.0002	0.1	02-04-99
1024	Cyanide	14175	<0.005	SM4500-CN E	0.005	0.2	02-08-99
1025	Fluoride	14175	1.08	SM4500F C	0.01	4	03-08-99
1030	Lead	14175	0.000346	EPA200.8	0.0001	0.015	02-04-99
1035	Mercury	14175	<0.0002	EPA245.1	0.0002	0.002	02-10-99
1036	Nickel	14175	0.00711	EPA200.8	0.0002	0.1	02-04-99
1040	Nitrate(as N)	14175	0.0575	EPA300.0	0.02	10	02-05-99
1041	Nitrite(as N)	14175	<0.01	EPA353.2	0.01	1	02-03-99
1045	Selenium	14175	0.000546	EPA200.8	0.0003	0.05	02-04-99
1052	Sodium	14175	10.1	EPA200.7	0.01	160	02-03-99
1074	Antimony	14175	0.00135	EPA200.8	0.0002	0.006	02-04-99
1075	Beryllium	14175	<0.0001	EPA200.8	0.0001	0.004	02-04-99
1085	Thallium	14175	0.000174	EPA200.8	0.0001	0.002	02-04-99
1094	Asbestos	14175		TEM	1	7	

Secondary Chemical Analysis
62-550.320
(PWS031)

Parameter ID	NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002	Aluminum	14175	0.161	EPA200.8	0.001	0.2	02-12-99
1017	Chloride	14175	23.5	EPA300	0.1	250	02-26-99
1022	Copper	14175	0.00166	EPA200.8	0.0002	1	02-04-99
1025	Fluoride	14175	1.08	SM4500F C	0.01	2	03-08-99
1028	Iron	14175	0.415	EPA200.7	0.004	0.3	02-03-99
1032	Manganese	14175	0.00840	EPA200.7	0.0005	0.05	02-03-99
1050	Silver	14175	<0.00005	EPA200.8	0.00005	0.1	02-04-99
1055	Sulfate	14175	4.80	EPA375.4	1	250	02-08-99
1095	Zinc	14175	0.0150	EPA200.8	0.0007	5	02-04-99
1905	Color (color units)	14175	70.0	SM2120B	5	15	02-02-99
1920	Odor (total odor number)	14175	<1	SM2150B	1	3	02-02-99
1925	pH	14175	6.50	EPA150.1	0.01	6.5 - 8.5	02-02-99
1930	Total Dissolved Solids	14175	623	SM2540C	2.5	500	02-03-99
2905	Foaming Agents	14175	<0.1	SM5540C	0.1	0.5	02-03-99

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID	NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000	Gross alpha	14175	37.0	EPA900	0.1	5	03-10-99
4000	Analysis_Error(Ga)	14175	6.00	EPA900	0.1		03-10-99
4012	Photon emitters	14175		-	0.1		
4012	Analysis_Error(Photon)	14175		-	0.1		
4020	Radium-226	14175	7.70	EPA903.1	0.1		03-10-99
4020	Analysis_Error(226)	14175	0.700	EPA903.1	0.1		03-10-99
4030	Radium-228	14175	0.600	EPA904	0.3		03-10-99
4030	Analysis_Error(228)	14175	1.10	EPA904	0.3		03-10-99
4101	Man-made beta	14175		EPA900	0.1		03-10-99
4101	Analysis_Error(beta)	14175		EPA900	0.1		03-10-99

FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Number: 14169

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Jefferson L. Flowers, Ph.D
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Lawton Chiles
Governor

FLORIDA DEPARTMENT OF HEALTH

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

LABORATORY: FLOWERS CHEMICAL LABORATORIES

CERTIFICATION NUMBER: 83133 EPA: FL00031

DATE: OCTOBER 27, 1998

SUPERSEDES PREVIOUS ANALYTE SHEET DATED: AUGUST 26, 1998

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

PRIMARY INORGANIC

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

2. LEAD AND COPPER				
LEAD	SM3113B		200.8	
COPPER			200.8	

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

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

5. FLUORIDE				
FLUORIDE	300.0	SM4500F C		

6. ASBESTOS				
ASBESTOS				

SECONDARY INORGANIC

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

	PESTICIDES AND PCB'S	GC	GC/MS	HPLC
	1. INSECTICIDES			
X	ALACHLOR	505, 507		
X	ATRAZINE	505, 507		
X	CHLORDANE	505, 508		
X	ENDRIN	506, 508		
X	HEPTACHLOR	505, 508		
X	HEPTACHLOR EPOXIDE	505, 508		
X	LINDANE	505, 508		
X	METHOXYCHLOR	505, 508		
X	TOXAPHENE	505, 508		
X	HEXACHLOROBENZENE	505, 508		
X	HEXACHLOROCYCLOPENTADIENE	505		
X	SIMAZINE	505, 507		
	2. HERBICIDES			
X	2,4-D	515.1		
X	PENTACHLOROPHENOL	515.1		
X	2,4,5-TP (SILVEX)	515.1		
X	DALAPON	515.1		
X	DINOSEB	515.1		
X	PICLORAM	515.1		
	3. CARBAMATES			
X	CARBOFURAN			531.1
X	OXAMYL (VYDATE)			531.1
	4. DISINFECTANT BY-PRODUCTS/VOC'S			
X	1,2-DIBROMO-3-CHLOROPROPANE	504.1		
X	ETHYLENE DIBROMIDE	504.1		
	5. MISCELLANEOUS SOC'S			
X	DIQUAT			549.1
X	ENDOTHALL		548.1	
X	GLYPHOSATE			547
	6. PCB'S			
X	AROCHLORS	505		
X	DECACHLOROBIPHENYL	508A		
	7. ADIPATES AND PHTHALATES			
X	DI(2-ETHYLHEXYL) ADIPATE		525.2	
X	DI(2-ETHYLHEXYL) PHTHALATE		525.2	
	8. PAH			
X	BENZO(a)PYRENE			550
	DIOXIN			
	2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN			

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

Lawton Chiles
Governor

FLORIDA DEPARTMENT OF HEALTH

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

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

OTHER REGULATED CONTAMINANTS

1. VOLATILE ORGANIC COMPOUNDS

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

2. TRIHALOMETHANES

X	BROMODICHLOROMETHANE	502.2	524.2
X	BROMOFORM	502.2	524.2
X	CHLORODIBROMOMETHANE	502.2	524.2
X	CHLOROFORM	502.2	524.2
X	TOTAL TRIHALOMETHANES	502.2	624.2

GROUP I UNREGULATED CONTAMINANTS

1. CARBAMATES

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

2. HERBICIDES

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

GROUP II UNREGULATED CONTAMINANTS

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

GROUP III UNREGULATED CONTAMINANTS

1. BASE/NEUTRAL EXTRACTABLES

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

2. ACID EXTRACTABLES

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

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

FLOWERS
CHEMICAL LABORATORIES INCORPORATED

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

CHAIN OF CUSTODY RECORD

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

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

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

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

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.	NO. OF CONTAINERS	PRESERVATIVES: UNPRESERVED	H_2SO_4	HNO_3	HCl	NaOH	ANALYSES REQUEST: INO 93	SEC 93	GA	Ra 226/228	TB	NH_4	FIELD	pH<2 pH>10
1	SL1			14169	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	
2	SL2			70	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	
3	SL4			71	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	
4	SL6A	Monitoring		72	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	
5	SL7	Wells		73	8	5	1	1		1		✓	✓	✓	✓	✓	✓	
6	SL8			14174	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	
	SL9			75	8	5	1	1		1	✓	✓	✓	✓	✓	✓	✓	

CARRIER	BAILERS	SHIP DATES: OUT / DATE	RETURNED / DATE

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Ron Ehrl	2-2-99				
				2/2/99	1431

SPECIAL INSTRUCTIONS

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY

