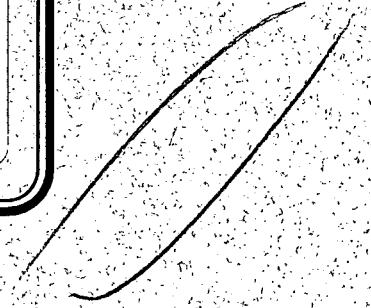
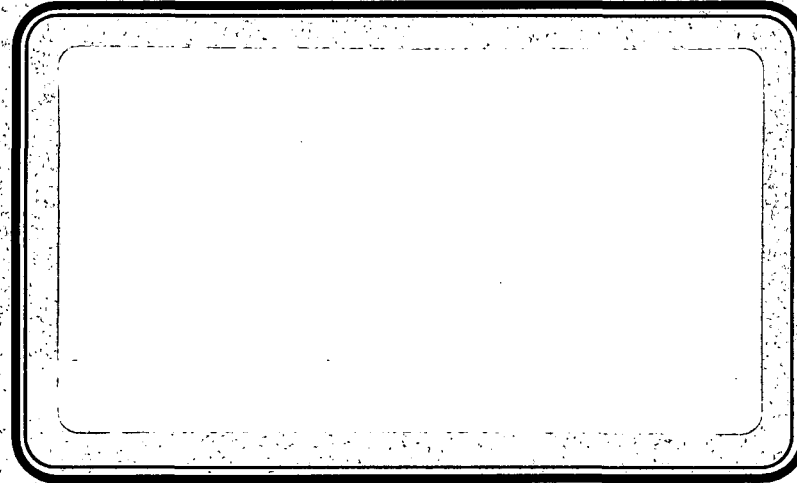


SUMTER COUNTY
SUMTER COUNTY SW MNGMT FACILITY



Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • FLORAL CITY • OCALA

RECEIVED

APR 14 1998

Solid Waste Section

QUARTERLY GROUNDWATER
MONITORING

SUMTER COUNTY SOLID WASTE
MANAGEMENT FACILITY

SUMTERVILLE, SUMTER COUNTY, FLORIDA

4060C00092

CONDUCTED FOR

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY



1st Q 1998

CENTRAL TESTING LABORATORY

LEESBURG, FLORIDA

MARCH 1998

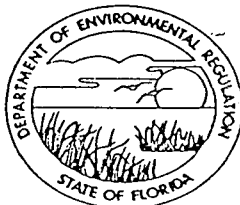
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STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT

4520 OAK FAIR BLVD.
TAMPA, FLORIDA 33610-7347

813-623-5561
Suncom—552-7612



BOB MARTINEZ
GOVERNOR

DALE TWACHTMANN
SECRETARY

DR. RICHARD D. GARRITY
DISTRICT MANAGER

QUARTERLY REPORT ON GROUND WATER MONITORING
RULE 17-4.245(6)(K)2.

GMS# 4060C00092

DATE March 31, 1998

DER PERMIT SF60-146475

Sumter County Class I Landfill
Installation Name

222 E. McCollum Avenue	Bushnell	FL	33513	Sumter
Address	City	State	Zip	County

Garry Breedon	Director of Public Works
Owner or Authorized Representative's Name	Title

Method of Discharge Groundwater Slow Rate Infiltration

Type of Industry Landfill

Report for Period January 1, 1998 to March 31, 1998
date date

Attach monitoring data as approved in monitoring plan using parameter monitoring report forms. When applicable, attach additional sheets describing any changes in the background water quality and the discharge plume since the last reported description. Include any changes in size, direction of movement, rate of movement, and concentration changes of plume constituents in violation of the applicable standards.

NOTE: Pursuant to Rule 17-4.245(6)(k)3., at any time there is a change in the permitted volume, location or chemical, physical or microbiological composition of the discharge plume, the permittee shall notify the department and, if required by the department, submit a new report stating the volume and chemical, physical and microbiological compositions of the discharge at the point of release or contact with the ground water at the site boundary.

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.

Owner or Authorized Representative's Signature

Date

Protecting Florida and Your Quality of Life

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

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

Sample Date 01-13-98
Well Type () Background
() Site Boundary
(x) Intermediate
() Compliance
Groundwater Elevation
(above MSL) 48.01 ft.

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

M

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.3	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	89	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00349	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.0000667	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00493	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	<0.00040	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	<0.0002	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0444	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.0002	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	2.32	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0114	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	2.3314	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.00169	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	3.11	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

*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

Sample Date 01-13-98

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.01 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

*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
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STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.010	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12054

Well Name MONITOR WELL 1

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Groundwater Elevation

(above MSL) 48.01 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
000080	ALUMINUM	GRAB	EPA 200.7	.163	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	2.40	mg/l	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	<0.0002	mg/l	UNFILTERED	HNO ₃

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12054

Well Name MONITOR WELL 1

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.01 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0444	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0203	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	5.77	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	5.12	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	76	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	6.40	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00278	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	6.00	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.777	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 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 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 48.47 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.4	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	389	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.00005	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00775	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	<0.0001	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.000357	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0353	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.0002	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	1.13	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.01	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	1.13	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.0003	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	9.12	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 406000092

Monitoring Well 4060A12055

Well Name MONITOR WELL 2

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 48.47 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
034531	1,2-DICHLORO- ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRI- CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2- DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO- PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2- DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

*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)

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(above MSL) 48.47 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504							
39508	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

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

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Groundwater Elevation

(above MSL) 48.47 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
000080	ALUMINUM	GRAB	EPA 200.7	0.0528	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	2.32	mg/l	UNFILTERED	NONE
	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.000313	mg/l	UNFILTERED	HNO ₃

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 406000092

Monitoring Well 4060A12055

Well Name MONITOR WELL 2

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.47 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0353	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0397	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.91	ST. UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	17.7	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	102	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	6.00	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	<0.0007	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.01	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	3.60	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	1.65	mg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 4

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 48.20 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.6	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	984	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.000513	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0110	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00044	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00478	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0768	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00227	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	9.21	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.174	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	9.384	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.0141	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	42.5	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 4

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.20 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

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

Sample Date 01-13-98
Well Type () Background
(x) Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 48.20 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE
39508							

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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 01-13-98

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 48.20 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	.0458	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	75.8	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	<0.0002	mg/l	UNFILTERED	HNO ₃

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 4

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.20 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0768	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	0.861	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0397	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.54	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	4.73	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	434	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	2.10	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00124	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	21.0	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	4.41	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 6A

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation
(above MSL) 49.12 ft.

3955

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.2	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	230	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.000329	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0134	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00071	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0104	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0522	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00308	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	4.69	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0137	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	4.7037	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.00101	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	4.52	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 6A

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Well Developed* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 49.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 6A

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation
(above MSL) 49.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 6A

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 49.12 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	0.234	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	6.48	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	25.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.000869	mg/l	UNFILTERED	HNO ₃

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DER Form 17-1.216(2)

Effective January 1, 1983

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

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

Sample Date 01-13-98
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 49.12 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0522	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.114	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.95	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	8.66	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	178	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	12.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00277	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	6.00	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	1.66	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A14304

Well Name MONITOR WELL 7

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 48.64 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	21.6	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	292	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<u>0.000118</u>	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00353	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	<0.0001	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00184	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0383	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.000347	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	4.14	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.01	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	4.14	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<u>0.00079</u>	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	5.25	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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

Sample Date 01-13-98
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 48.64 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
034531	1,2-DICHLORO- ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRI- CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2- DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO- PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO- BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2- DICHLORO- ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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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 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 48.64 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504							
39508	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

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

Sample Date 01-13-98
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 48.64 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	0.00694	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	7.37	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	<0.0002	mg/l	UNFILTERED	HNO ₃

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Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A14304

Well Name MONITOR WELL 7

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 48.64 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0383	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0188	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.08	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	1.73	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	178	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	7.80	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	<0.0007	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	1.30	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	1.13	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

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

Sample Date 01-13-98
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 49.68 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.5	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	689	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	0.00047	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00685	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00022	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00793	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0371	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.00100	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00273	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	1.72	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0153	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	1.7353	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.0009	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	10.7	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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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 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 49.68 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

*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 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 49.68 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A17008

Well Name MONITOR WELL 8

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 49.68 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	<0.001	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	7.19	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	<0.0002	mg/l	UNFILTERED	HNO ₃

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(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 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 49.68 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0371	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.519	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.36	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.54	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	298	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	2.10	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	<0.0007	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.412	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	3.30	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	3.09	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A17009

Well Name MONITOR WELL 9

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 48.79 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	24.2	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	833	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<u>0.00203</u>	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0157	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	<u>0.000340</u>	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0117	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0659	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	0.00698	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	0.107	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	<0.0100	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.107	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<u>0.00145</u>	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	16.8	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO ₃
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A17009

Well Name MONITOR WELL 9

Classification of Groundwater G-II

Sample Date 01-13-98

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Well Developed* Prior to

Sample Collection (Yes/No) YES

Groundwater Elevation

(above MSL) 48.79 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034506	1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE

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(Rule 17-3.402, 17-3.404 - 17-3.406)

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Well Developed* Prior to

Sample Collection (Yes/No) YES

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(above MSL) 48.79 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	µg/l	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	µg/l	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	µg/l	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	µg/l	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	µg/l	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	µg/l	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	µg/l	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	µg/l	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	µg/l	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	µg/l	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
39488	BIPHENYL (PCB)						
39492							
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	µg/l	UNFILTERED	NONE

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(above MSL) 48.79 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	µg/l	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	µg/l	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	µg/l	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	µg/l	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	µg/l	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	µg/l	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	µg/l	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	µg/l	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	µg/l	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	µg/l	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	µg/l	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	µg/l	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	0.0549	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	12.8	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	<0.0002	mg/l	UNFILTERED	HNO ₃

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	FLUORIDE	GRAB	EPA 340.1	0.0659	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.740	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.18	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.00005	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.76	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	322	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	22.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.000935	mg/l	UNFILTERED	HNO ₃
	AMMONIUM	GRAB	EPA 350.1	0.0887	mg/l	UNFILTERED	H ₂ SO ₄
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	8.20	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	5.24	mg/l	UNFILTERED	NONE

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DER Form 17-1.216(2)

Effective January 1, 1983



**CHEMICAL
LABORATORIES**
INCORPORATED

Received From:

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

Date Reported : Feb 6 1998

Project Number : Sumter Lndfl.

PO Number : 1-13-98

FDHRS DW Number : 83139

NYS DOH Number : 11595

FDER COMQAP Num : 86-0008G

LDHH Number : 94-23

NCDEHNR Number : 296

SCDHEC Number : 96019

For: SL1

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

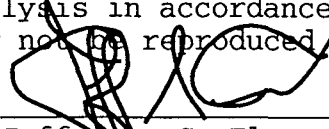
REPORT OF ANALYSIS

16574

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	114.	15.3	0.0000667
Barium	mg/L	0.000400	94.0	15.3	0.00493
Cadmium	mg/L	0.000100	100.	3.97	0.000400
Chromium	mg/L	0.000200	101.	17.5	<0.000200
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0444
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	<0.000200
Nitrate(as N)	mg/L	0.0100	116.	.120	2.32
Nitrite(as N)	mg/L	0.0100	121.	1.74	0.0114
Selenium	mg/L	0.000300	103.	15.3	0.00169
Sodium	mg/L	0.00100	90.9	.510	3.11
Antimony	mg/L	0.00300	73.4	14.1	0.00349
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.163
Chloride	mg/L	0.0100	82.3	1.43	2.40
Copper	mg/L	0.000200	99.2	17.3	<0.000200
Fluoride	mg/L	0.0100			0.0444
Iron	mg/L	0.000200	101.	.250	0.0203
Manganese	mg/L	0.0000400	105.	.130	0.777
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	5.12
Zinc	mg/L	0.000700	106.	17.5	0.00278

Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report may not be reproduced in part, results relate only to items tested.


Jefferson S. Flowers, Ph.D.

Serving Your Analytical and Environmental Needs Since 1957

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
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ALTAMONTE SPRINGS
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CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16574

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			20.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	1.01	5.78
TDS	mg/L	2.50	134.	6.17	76.0
Foaming_Agents	mg/L	0.100	89.2	.050	<0.100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylene	ug/L	0.500	92.2	1.68	<0.500
Methylene chloride	ug/L	0.500	94.1	.380	1.67
o-dichlorobenzene	ug/L	0.500	98.3	2.13	<0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780	<0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30	<0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11	<0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10	<0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05	<0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10	<0.250
Trichloroethene	ug/L	0.500	106.	1.47	<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59	<0.500
Tetrachloroethene	ug/L	0.500	113.	1.30	<0.500
Chlorobenzene	ug/L	0.500	106.	1.40	<0.500
Benzene	ug/L	0.200	99.0	1.09	<0.200
Toluene	ug/L	0.500	97.6	1.33	<0.500
Ethylbenzene	ug/L	0.500	97.0	.010	<0.500
Styrene	ug/L	0.500			<0.500

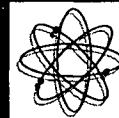
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CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

				16574
Parameter	Unit	Method	%ACC %PRC	
		Detection		
		Limit		
TTHM	mg/L	0.00100	107. 2.84	<0.00100
Endrin	ug/L	0.00100	107. 9.71	<0.00100
Lindane	ug/L	0.00100	105. .340	<0.00100
Methoxychlor	ug/L	0.0100	112. 1.05	<0.0100
Toxaphene	ug/L	0.100		<0.100
Dalapon	ug/L	0.00100	90.1 2.62	<0.00100
Diquat	ug/L	0.400	87.6 2.70	<0.400
Endothall	ug/L	9.00	91.2 8.29	<9.00
Glyphosate	ug/L	6.00	103. 18.6	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	85.9 .840	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.0 3.21	<2.00
Simazine	ug/L	0.0700	101. 6.36	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5 .690	<0.600
Picloram	ug/L	0.0700	88.9 2.04	<0.0700
Dinoseb	ug/L	0.0100	90.0 6.43	<0.0100
Hexachlorocyclopenta	ug/L	0.100	108. 9.59	<0.100
Carbofuran	ug/L	0.900	91.3 5.81	<0.900
Atrazine	ug/L	0.100	103. 3.62	<0.100
Alachlor (Lasso)	ug/L	0.200	103. 6.83	<0.200
Dioxin	ug/L	0.0100		-
Heptachlor	ug/L	0.00500	99.7 8.85	<0.00500
Heptachlor_Epoxyde	ug/L	0.00500	102. 7.93	<0.00500
2,4-D	ug/L	0.0500	88.0 4.36	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	91.0 4.17	<0.0200
Hexachlorobenzene	ug/L	0.100	112. .180	<0.100
Benzo(a)pyrene	ug/L	0.0200	74.4 8.26	<0.0200

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

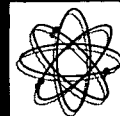
REPORT OF ANALYSIS

					16574
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			6.00
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			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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President/Technical Director



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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

					16575
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	114.	15.3	<0.0000500
Barium	mg/L	0.000400	94.0	15.3	0.00775
Cadmium	mg/L	0.000100	100.	3.97	<0.000100
Chromium	mg/L	0.000200	101.	17.5	0.000357
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0353
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	<0.000200
Nitrate(as N)	mg/L	0.0100	116.	.120	1.13
Nitrite(as N)	mg/L	0.0100	121.	1.74	<0.0100
Selenium	mg/L	0.000300	103.	15.3	<0.000300
Sodium	mg/L	0.00100	90.9	.510	9.12
Antimony	mg/L	0.00300	73.4	14.1	<0.00300
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.0528
Chloride	mg/L	0.0100	82.3	1.43	2.32
Copper	mg/L	0.000200	99.2	17.3	0.000313
Fluoride	mg/L	0.0100			0.0353
Iron	mg/L	0.000200	101.	.250	0.0397
Manganese	mg/L	0.0000400	105.	.130	1.65
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	17.7
Zinc	mg/L	0.000700	106.	17.5	<0.000700

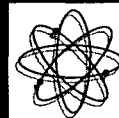
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Date Reported : Feb 6 1998
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PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16575				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Color (color units)	PCU	5.00		10.0
Odor (total odor num	TON	1.00		<1.00
pH	pH	0.0100	100.	1.01 6.79
TDS	mg/L	2.50	134.	6.17 102.
Foaming_Agents	mg/L	0.100	89.2	.050 <0.100
1,2,4-trichlorobenze	ug/L	0.500		<0.500
cis-1,2-dichloroethe	ug/L	0.500		<0.500
Xylene	ug/L	0.500	92.2	1.68 <0.500
Methylene chloride	ug/L	0.500	94.1	.380 <0.500
o-dichlorobenzene	ug/L	0.500	98.3	2.13 <0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780 <0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30 <0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11 <0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10 <0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05 <0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10 <0.250
Trichloroethene	ug/L	0.500	106.	1.47 <0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59 <0.500
Tetrachloroethene	ug/L	0.500	113.	1.30 <0.500
Chlorobenzene	ug/L	0.500	106.	1.40 <0.500
Benzene	ug/L	0.200	99.0	1.09 <0.200
Toluene	ug/L	0.500	97.6	1.33 <0.500
Ethylbenzene	ug/L	0.500	97.0	.010 <0.500
Styrene	ug/L	0.500		<0.500

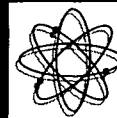
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FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16575				
Parameter	Unit	Method	%ACC	%PRC
Detection Limit				
TTHM	mg/L	0.00100	107.	2.84
Endrin	ug/L	0.00100	107.	9.71
Lindane	ug/L	0.00100	105.	.340
Methoxychlor	ug/L	0.0100	112.	1.05
Toxaphene	ug/L	0.100		<0.100
Dalapon	ug/L	0.00100	90.1	2.62
Diquat	ug/L	0.400	87.6	2.70
Endothall	ug/L	9.00	91.2	8.29
Glyphosate	ug/L	6.00	103.	18.6
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21
Simazine	ug/L	0.0700	101.	6.36
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690
Picloram	ug/L	0.0700	88.9	2.04
Dinoseb	ug/L	0.0100	90.0	6.43
Hexachlorocyclopenta	ug/L	0.100	108.	9.59
Carbofuran	ug/L	0.900	91.3	5.81
Atrazine	ug/L	0.100	103.	3.62
Alachlor (Lasso)	ug/L	0.200	103.	6.83
Dioxin	ug/L	0.0100		-
Heptachlor	ug/L	0.00500	99.7	8.85
Heptachlor_Epoxide	ug/L	0.00500	102.	7.93
2,4-D	ug/L	0.0500	88.0	4.36
2,4,5-TP (Silvex)	ug/L	0.0200	91.0	4.17
Hexachlorobenzene	ug/L	0.100	112.	.180
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26

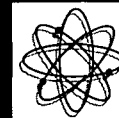
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Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16575
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			3.60
Analysis Error	pCi/L	0.100			0.900
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16576

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	114.	15.3	0.000513
Barium	mg/L	0.000400	94.0	15.3	0.0110
Cadmium	mg/L	0.000100	100.	3.97	0.000440
Chromium	mg/L	0.000200	101.	17.5	0.00478
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0768
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	0.00227
Nitrate(as N)	mg/L	0.0100	116.	.120	9.21
Nitrite(as N)	mg/L	0.0100	121.	1.74	0.174
Selenium	mg/L	0.000300	103.	15.3	0.0141
Sodium	mg/L	0.00100	90.9	.510	42.5
Antimony	mg/L	0.00300	73.4	14.1	<0.00300
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.0458
Chloride	mg/L	0.0100	82.3	1.43	75.8
Copper	mg/L	0.000200	99.2	17.3	<0.000200
Fluoride	mg/L	0.0100			0.0768
Iron	mg/L	0.000200	101.	.250	0.0397
Manganese	mg/L	0.0000400	105.	.130	4.41
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	4.73
Zinc	mg/L	0.000700	106.	17.5	0.00124

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PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

16576				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Color (color units)	PCU	5.00		10.0
Odor (total odor num	TON	1.00		<1.00
pH	pH	0.0100	100.	1.01 7.05
TDS	mg/L	2.50	134.	6.17 434.
Foaming_Agents	mg/L	0.100	89.2	.050 0.861
1,2,4-trichlorobenze	ug/L	0.500		<0.500
cis-1,2-dichloroethe	ug/L	0.500		<0.500
Xylene	ug/L	0.500	92.2	1.68 <0.500
Methylene chloride	ug/L	0.500	94.1	.380 1.07
o-dichlorobenzene	ug/L	0.500	98.3	2.13 <0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780 <0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30 <0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11 <0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10 <0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05 <0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10 <0.250
Trichloroethene	ug/L	0.500	106.	1.47 <0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59 <0.500
Tetrachloroethene	ug/L	0.500	113.	1.30 <0.500
Chlorobenzene	ug/L	0.500	106.	1.40 <0.500
Benzene	ug/L	0.200	99.0	1.09 <0.200
Toluene	ug/L	0.500	97.6	1.33 <0.500
Ethylbenzene	ug/L	0.500	97.0	.010 <0.500
Styrene	ug/L	0.500		<0.500

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PO Number : 1-13-98
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NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

					16576
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
TTHM	mg/L	0.00100	107.	2.84	<0.00100
Endrin	ug/L	0.00100	107.	9.71	<0.00100
Lindane	ug/L	0.00100	105.	.340	<0.00100
Methoxychlor	ug/L	0.0100	112.	1.05	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	90.1	2.62	<0.00100
Diquat	ug/L	0.400	87.6	2.70	<0.400
Endothall	ug/L	9.00	91.2	8.29	<9.00
Glyphosate	ug/L	6.00	103.	18.6	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21	<2.00
Simazine	ug/L	0.0700	101.	6.36	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690	<0.600
Picloram	ug/L	0.0700	88.9	2.04	<0.0700
Dinoseb	ug/L	0.0100	90.0	6.43	<0.0100
Hexachlorocyclopenta	ug/L	0.100	108.	9.59	<0.100
Carbofuran	ug/L	0.900	91.3	5.81	<0.900
Atrazine	ug/L	0.100	103.	3.62	<0.100
Alachlor (Lasso)	ug/L	0.200	103.	6.83	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	99.7	8.85	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	102.	7.93	<0.00500
2,4-D	ug/L	0.0500	88.0	4.36	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	91.0	4.17	<0.0200
Hexachlorobenzene	ug/L	0.100	112.	.180	<0.100
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26	<0.0200

Data Release Authorization

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CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

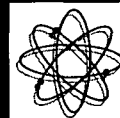
REPORT OF ANALYSIS

					16576
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			21.0
Analysis Error	pCi/L	0.100			2.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

Data Release Authorization

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President/Technical Director



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Received From:
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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRS DW Number : 83139
NYS DOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

					16577
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	114.	15.3	0.000329
Barium	mg/L	0.000400	94.0	15.3	0.0134
Cadmium	mg/L	0.000100	100.	3.97	0.000710
Chromium	mg/L	0.000200	101.	17.5	0.0104
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0522
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	0.00308
Nitrate(as N)	mg/L	0.0100	116.	.120	4.69
Nitrite(as N)	mg/L	0.0100	121.	1.74	0.0137
Selenium	mg/L	0.000300	103.	15.3	0.00101
Sodium	mg/L	0.00100	90.9	.510	4.52
Antimony	mg/L	0.00300	73.4	14.1	<0.00300
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.234
Chloride	mg/L	0.0100	82.3	1.43	6.48
Copper	mg/L	0.000200	99.2	17.3	0.000869
Fluoride	mg/L	0.0100			0.0522
Iron	mg/L	0.000200	101.	.250	0.114
Manganese	mg/L	0.0000400	105.	.130	1.66
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	8.66
Zinc	mg/L	0.000700	106.	17.5	0.00277

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Received From:
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FloralCity, FL 34436

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16577

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			25.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	1.01	7.76
TDS	mg/L	2.50	134.	6.17	178.
Foaming_Agents	mg/L	0.100	89.2	.050	<0.100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylene	ug/L	0.500	92.2	1.68	<0.500
Methylene chloride	ug/L	0.500	94.1	.380	<0.500
o-dichlorobenzene	ug/L	0.500	98.3	2.13	<0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780	<0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30	<0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11	<0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10	<0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05	<0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10	<0.250
Trichloroethene	ug/L	0.500	106.	1.47	<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59	<0.500
Tetrachloroethene	ug/L	0.500	113.	1.30	<0.500
Chlorobenzene	ug/L	0.500	106.	1.40	<0.500
Benzene	ug/L	0.200	99.0	1.09	<0.200
Toluene	ug/L	0.500	97.6	1.33	<0.500
Ethylbenzene	ug/L	0.500	97.0	.010	<0.500
Styrene	ug/L	0.500			<0.500

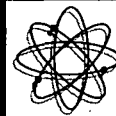
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Received From:
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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16577				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
TTHM	mg/L	0.00100	107.	2.84
Endrin	ug/L	0.00100	107.	9.71
Lindane	ug/L	0.00100	105.	.340
Methoxychlor	ug/L	0.0100	112.	1.05
Toxaphene	ug/L	0.100		
Dalapon	ug/L	0.00100	90.1	2.62
Diquat	ug/L	0.400	87.6	2.70
Endothall	ug/L	9.00	91.2	8.29
Glyphosate	ug/L	6.00	103.	18.6
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21
Simazine	ug/L	0.0700	101.	6.36
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690
Picloram	ug/L	0.0700	88.9	2.04
Dinoseb	ug/L	0.0100	90.0	6.43
Hexachlorocyclopenta	ug/L	0.100	108.	9.59
Carbofuran	ug/L	0.900	91.3	5.81
Atrazine	ug/L	0.100	103.	3.62
Alachlor (Lasso)	ug/L	0.200	103.	6.83
Dioxin	ug/L	0.0100		
Heptachlor	ug/L	0.00500	99.7	8.85
Heptachlor_Epoxyde	ug/L	0.00500	102.	7.93
2,4-D	ug/L	0.0500	88.0	4.36
2,4,5-TP(Silvex)	ug/L	0.0200	91.0	4.17
Hexachlorobenzene	ug/L	0.100	112.	.180
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26

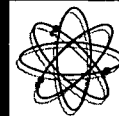
Data Release Authorization

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Received From:

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PO Box 883
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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

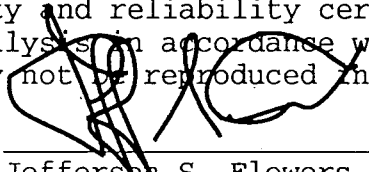
Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16577					
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			6.00
Analysis Error	pCi/L	0.100			1.70
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16578

Parameter	Unit	Method Detection Limit	%ACC	%PRC	
Arsenic	mg/L	0.0000500	114.	15.3	0.000118
Barium	mg/L	0.000400	94.0	15.3	0.00353
Cadmium	mg/L	0.000100	100.	3.97	<0.000100
Chromium	mg/L	0.000200	101.	17.5	0.00184
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0383
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	0.000347
Nitrate(as N)	mg/L	0.0100	116.	.120	4.14
Nitrite(as N)	mg/L	0.0100	121.	1.74	<0.0100
Selenium	mg/L	0.000300	103.	15.3	0.000790
Sodium	mg/L	0.00100	90.9	.510	5.25
Antimony	mg/L	0.00300	73.4	14.1	<0.00300
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.00694
Chloride	mg/L	0.0100	82.3	1.43	7.37
Copper	mg/L	0.000200	99.2	17.3	<0.000200
Fluoride	mg/L	0.0100			0.0383
Iron	mg/L	0.000200	101.	.250	0.0188
Manganese	mg/L	0.0000400	105.	.130	1.13
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	1.73
Zinc	mg/L	0.000700	106.	17.5	<0.000700

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16578

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	1.01	7.49
TDS	mg/L	2.50	134.	6.17	178.
Foaming_Agents	mg/L	0.100	89.2	.050	<0.100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylene	ug/L	0.500	92.2	1.68	<0.500
Methylene chloride	ug/L	0.500	94.1	.380	<0.500
o-dichlorobenzene	ug/L	0.500	98.3	2.13	<0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780	<0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30	<0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11	<0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10	<0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05	<0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10	<0.250
Trichloroethene	ug/L	0.500	106.	1.47	<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59	<0.500
Tetrachloroethene	ug/L	0.500	113.	1.30	<0.500
Chlorobenzene	ug/L	0.500	106.	1.40	<0.500
Benzene	ug/L	0.200	99.0	1.09	<0.200
Toluene	ug/L	0.500	97.6	1.33	<0.500
Ethylbenzene	ug/L	0.500	97.0	.010	<0.500
Styrene	ug/L	0.500			<0.500

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSBW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16578
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
TTHM	mg/L	0.00100	107.	2.84	<0.00100
Endrin	ug/L	0.00100	107.	9.71	<0.00100
Lindane	ug/L	0.00100	105.	.340	<0.00100
Methoxychlor	ug/L	0.0100	112.	1.05	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	90.1	2.62	<0.00100
Diquat	ug/L	0.400	87.6	2.70	<0.400
Endothall	ug/L	9.00	91.2	8.29	<9.00
Glyphosate	ug/L	6.00	103.	18.6	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21	<2.00
Simazine	ug/L	0.0700	101.	6.36	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690	<0.600
Picloram	ug/L	0.0700	88.9	2.04	<0.0700
Dinoseb	ug/L	0.0100	90.0	6.43	<0.0100
Hexachlorocyclopenta	ug/L	0.100	108.	9.59	<0.100
Carbofuran	ug/L	0.900	91.3	5.81	<0.900
Atrazine	ug/L	0.100	103.	3.62	<0.100
Alachlor (Lasso)	ug/L	0.200	103.	6.83	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	99.7	8.85	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	102.	7.93	<0.00500
2,4-D	ug/L	0.0500	88.0	4.36	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	91.0	4.17	<0.0200
Hexachlorobenzene	ug/L	0.100	112.	.180	<0.100
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26	<0.0200

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LABORATORIES
INCORPORATED

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

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRS DW Number : 83139
NYS DOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16578
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			1.30
Analysis Error	pCi/L	0.100			0.700
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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President/Technical Director



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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

16579				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Arsenic	mg/L	0.0000500	114.	15.3
Barium	mg/L	0.000400	94.0	15.3
Cadmium	mg/L	0.000100	100.	3.97
Chromium	mg/L	0.000200	101.	17.5
Cyanide	mg/L	0.00500	105.	.010
Fluoride	mg/L	0.0100	104.	2.46
Lead	mg/L	0.00100	88.0	15.2
Mercury	mg/L	0.000200	121.	.000
Nickel	mg/L	0.000200	99.1	19.6
Nitrate(as N)	mg/L	0.0100	116.	.120
Nitrite(as N)	mg/L	0.0100	121.	1.74
Selenium	mg/L	0.000300	103.	15.3
Sodium	mg/L	0.00100	90.9	.510
Antimony	mg/L	0.00300	73.4	14.1
Beryllium	mg/L	0.000100	80.5	13.6
Thallium	mg/L	0.000100	96.5	14.3
Asbestos	MF/L	1.00		-
Aluminum	mg/L	0.00100	110.	15.5
Chloride	mg/L	0.0100	82.3	1.43
Copper	mg/L	0.000200	99.2	17.3
Fluoride	mg/L	0.0100		0.0371
Iron	mg/L	0.000200	101.	.250
Manganese	mg/L	0.0000400	105.	.130
Silver	mg/L	0.0000500	80.8	13.5
Sulfate	mg/L	1.00	137.	.000
Zinc	mg/L	0.000700	106.	17.5

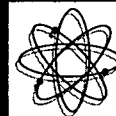
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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

16579

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			10.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	100.	1.01	6.93
TDS	mg/L	2.50	134.	6.17	298.
Foaming_Agents	mg/L	0.100	89.2	.050	<0.100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylene	ug/L	0.500	92.2	1.68	<0.500
Methylene chloride	ug/L	0.500	94.1	.380	<0.500
o-dichlorobenzene	ug/L	0.500	98.3	2.13	<0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780	<0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30	<0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11	<0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10	<0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05	<0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10	<0.250
Trichloroethene	ug/L	0.500	106.	1.47	<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59	<0.500
Tetrachloroethene	ug/L	0.500	113.	1.30	<0.500
Chlorobenzene	ug/L	0.500	106.	1.40	<0.500
Benzene	ug/L	0.200	99.0	1.09	<0.200
Toluene	ug/L	0.500	97.6	1.33	<0.500
Ethylbenzene	ug/L	0.500	97.0	.010	<0.500
Styrene	ug/L	0.500			<0.500

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRS DW Number : 83139
NYS DOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Jan 13 1998 Date Received: Jan 13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16579
Parameter	Unit	Method	%ACC	%PRC	
Detection Limit					
TTHM	mg/L	0.00100	107.	2.84	<0.00100
Endrin	ug/L	0.00100	107.	9.71	<0.00100
Lindane	ug/L	0.00100	105.	.340	<0.00100
Methoxychlor	ug/L	0.0100	112.	1.05	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	90.1	2.62	<0.00100
Diquat	ug/L	0.400	87.6	2.70	<0.400
Endothall	ug/L	9.00	91.2	8.29	<9.00
Glyphosate	ug/L	6.00	103.	18.6	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21	<2.00
Simazine	ug/L	0.0700	101.	6.36	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690	<0.600
Picloram	ug/L	0.0700	88.9	2.04	<0.0700
Dinoseb	ug/L	0.0100	90.0	6.43	<0.0100
Hexachlorocyclopenta	ug/L	0.100	108.	9.59	<0.100
Carbofuran	ug/L	0.900	91.3	5.81	<0.900
Atrazine	ug/L	0.100	103.	3.62	<0.100
Alachlor (Lasso)	ug/L	0.200	103.	6.83	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	99.7	8.85	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	102.	7.93	<0.00500
2,4-D	ug/L	0.0500	88.0	4.36	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	91.0	4.17	<0.0200
Hexachlorobenzene	ug/L	0.100	112.	.180	<0.100
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26	<0.0200

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Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

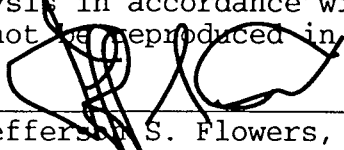
Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

16579					
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			3.30
Analysis Error	pCi/L	0.100			0.700
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

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Date Reported : Feb 6 1998

Project Number : Sumter Lndfl.

PO Number : 1-13-98

FDHRSW Number : 83139

NYSDOH Number : 11595

FDER COMQAPNum : 86-0008G

LDHH Number : 94-23

NCDEHNR Number : 296

SCDHEC Number : 96019

For: SL9

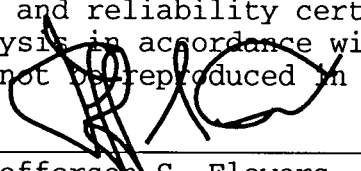
Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

Parameter	Unit	Method Detection Limit	%ACC	%PRC	16580
Arsenic	mg/L	0.0000500	114.	15.3	0.00203
Barium	mg/L	0.000400	94.0	15.3	0.0157
Cadmium	mg/L	0.000100	100.	3.97	0.000340
Chromium	mg/L	0.000200	101.	17.5	0.0117
Cyanide	mg/L	0.00500	105.	.010	<0.00500
Fluoride	mg/L	0.0100	104.	2.46	0.0659
Lead	mg/L	0.00100	88.0	15.2	<0.00100
Mercury	mg/L	0.000200	121.	.000	<0.000200
Nickel	mg/L	0.000200	99.1	19.6	0.00698
Nitrate(as N)	mg/L	0.0100	116.	.120	0.107
Nitrite(as N)	mg/L	0.0100	121.	1.74	<0.0100
Selenium	mg/L	0.000300	103.	15.3	0.00145
Sodium	mg/L	0.00100	90.9	.510	16.8
Antimony	mg/L	0.00300	73.4	14.1	<0.00300
Beryllium	mg/L	0.000100	80.5	13.6	<0.000100
Thallium	mg/L	0.000100	96.5	14.3	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	110.	15.5	0.0549
Chloride	mg/L	0.0100	82.3	1.43	12.8
Copper	mg/L	0.000200	99.2	17.3	<0.000200
Fluoride	mg/L	0.0100			0.0659
Iron	mg/L	0.000200	101.	.250	0.740
Manganese	mg/L	0.0000400	105.	.130	5.24
Silver	mg/L	0.0000500	80.8	13.5	<0.0000500
Sulfate	mg/L	1.00	137.	.000	2.76
Zinc	mg/L	0.000700	106.	17.5	0.000935

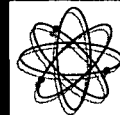
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PO Number : 1-13-98
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Jan 13 1998 Date Received: Jan 13 1998 Lab Numbers: 16574-16580
REPORT OF ANALYSIS

					16580
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num)	TON	1.00			<1.00
pH	pH	0.0100	100.	1.01	6.67
TDS	mg/L	2.50	134.	6.17	322.
Foaming Agents	mg/L	0.100	89.2	.050	<0.100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
Xylene	ug/L	0.500	92.2	1.68	<0.500
Methylene chloride	ug/L	0.500	94.1	.380	<0.500
o-dichlorobenzene	ug/L	0.500	98.3	2.13	<0.500
Para-dichlorobenzene	ug/L	0.500	106.	1.72	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.1	.780	<0.500
t-1,2-dichloroethene	ug/L	0.500	99.0	1.30	<0.500
1,2-dichloroethane	ug/L	0.300	104.	1.11	<0.300
1,1,1-trichloroethan	ug/L	0.500	106.	1.10	<0.500
Carbon tetrachloride	ug/L	0.500	105.	1.05	<0.500
1,2-dichloropropane	ug/L	0.250	115.	1.10	<0.250
Trichloroethene	ug/L	0.500	106.	1.47	<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	1.59	<0.500
Tetrachloroethene	ug/L	0.500	113.	1.30	<0.500
Chlorobenzene	ug/L	0.500	106.	1.40	<0.500
Benzene	ug/L	0.200	99.0	1.09	<0.200
Toluene	ug/L	0.500	97.6	1.33	<0.500
Ethylbenzene	ug/L	0.500	97.0	.010	<0.500
Styrene	ug/L	0.500			<0.500

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PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

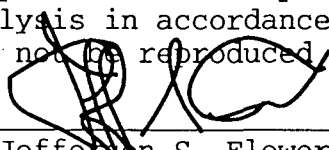
Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16580
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
TTHM	mg/L	0.00100	107.	2.84	<0.00100
Endrin	ug/L	0.00100	107.	9.71	<0.00100
Lindane	ug/L	0.00100	105.	.340	<0.00100
Methoxychlor	ug/L	0.0100	112.	1.05	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	90.1	2.62	<0.00100
Diquat	ug/L	0.400	87.6	2.70	<0.400
Endothall	ug/L	9.00	91.2	8.29	<9.00
Glyphosate	ug/L	6.00	103.	18.6	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	85.9	.840	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.0	3.21	<2.00
Simazine	ug/L	0.0700	101.	6.36	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	83.5	.690	<0.600
Picloram	ug/L	0.0700	88.9	2.04	<0.0700
Dinoseb	ug/L	0.0100	90.0	6.43	<0.0100
Hexachlorocyclopenta	ug/L	0.100	108.	9.59	<0.100
Carbofuran	ug/L	0.900	91.3	5.81	<0.900
Atrazine	ug/L	0.100	103.	3.62	<0.100
Alachlor (Lasso)	ug/L	0.200	103.	6.83	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	99.7	8.85	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	102.	7.93	<0.00500
2,4-D	ug/L	0.0500	88.0	4.36	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	91.0	4.17	<0.0200
Hexachlorobenzene	ug/L	0.100	112.	.180	<0.100
Benzo(a)pyrene	ug/L	0.0200	74.4	8.26	<0.0200

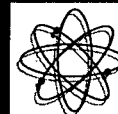
Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report may not be reproduced in part, results relate only to items tested.


Jefferson S. Flowers, Ph.D.

Serving Your Analytical and Environmental Needs Since 1957

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**CHEMICAL
LABORATORIES**
INCORPORATED

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

Date Reported : Feb 6 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 16574-16580

REPORT OF ANALYSIS

					16580
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	84.7	4.84	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	106.	7.39	<0.0100
Ethylene dibromide	ug/L	0.0100	90.7	5.20	<0.0100
Chlordane	ug/L	0.0100	109.	8.59	<0.0100
Gross alpha	pCi/L	0.100			8.20
Analysis Error	pCi/L	0.100			1.40
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
Analysis_Error(226)	pCi/L	0.100			-
Radium 228	pCi/L	0.300			-
Analysis_Error(228)	pCi/L	0.300			-
Man-made beta & phot	pCi/L	0.100			-
Analysis_Error(beta	pCi/L	0.100			-

Data Release Authorization

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Methods of analysis in accordance with FCL QA and EPA approved methodology.
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Jefferson S. Flowers, Ph.d.
President/Technical Director

1199	FLOWERS CHEMICAL LABORATORIES																
	ANALYTICAL RESULTS FORM										HRS Number 83139						
			SL1	SL2	SL4	SL6A	SL7	SL8	SL9				QA	Section			
Parameter	Symbol	Unit	16574	16575	16576	16577	16578	16579	16580				Method	MDL	%RSD	%Rec	Analys Date
Arsenic	*	mg/L	0.0000667	<0.00005	0.000513	0.000329	0.000118	0.000470	0.00203				EPA6020	0.00005	15.336469	114.98	EVB 01-15-98
Barium	*	mg/L	0.00493	0.00775	0.0110	0.0134	0.00353	0.00685	0.0157				EPA6020	0.0004	15.368979	94.025	EVB 01-15-98
Cadmium	*	mg/L	0.000400	<0.0001	0.000440	0.000710	<0.0001	0.000220	0.000340				SM3113B	0.0001	3.9736086	100.5	EVB 01-26-98
Chromium	*	mg/L	<0.0002	0.000357	0.00478	0.0104	0.00184	0.00793	0.0117				EPA6020	0.0002	17.556762	101.985	EVB 01-15-98
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				SM4500-C	0.005	0.0172560	105.95392	DLB 01-30-98
Fluoride	*	mg/L	0.0444	0.0353	0.0768	0.0522	0.0383	0.0371	0.0659				SM4500F	0.01	2.4696439	104.56	DLB 01-26-98
Lead	*	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				EPA200.8	0.001	15.230692	88.085	EVB 01-15-98
Mercury	*	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				EPA7470	0.0002	0	121.74187	EVB 01-19-98
Nickel	*	mg/L	<0.0002	<0.0002	0.00227	0.00308	0.00347	0.00273	0.00698				EPA6020	0.0002	19.665683	99.11	EVB 01-15-98
Nitrate(as N)	*	mg/L	2.32	1.13	9.21	4.69	4.14	1.72	0.107				EPA353.2	0.01	0.1231871	116.88590	AH 01-14-98
Nitrite(as N)	*	mg/L	0.0114	<0.01	0.174	0.0137	<0.01	0.0153	<0.01				EPA353.2	0.01	1.7495559	121.49270	AH 01-14-98
Selenium	*	mg/L	0.00169	<0.0003	0.0141	0.00101	0.000790	0.000900	0.00145				EPA6020	0.0003	15.323909	103.415	EVB 01-15-98
Sodium	*	mg/L	3.11	9.12	42.5	4.52	5.25	10.7	16.8				EPA200.7	0.001	0.5170140	90.9	EVB 01-14-98
Antimony	*	mg/L	0.00349	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003				EPA204.2	0.003	14.116941	73.4	EVB 01-27-98
Beryllium	*	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				EPA6020	0.0001	13.614703	80.5	EVB 01-15-98
Thallium	*	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				EPA6020	0.0001	14.377432	96.5	EVB 01-15-98
Asbestos	*	MF/L											TEM	1			
Aluminum	*	mg/L	0.163	0.0528	0.0458	0.234	0.00694	<0.001	0.0549				EPA6020	0.001	15.513168	110.6	EVB 01-15-98
Chloride	*	mg/L	2.40	2.32	75.8	6.48	7.37	7.19	12.8				SM4500C	0.01	1.4331415	82.307633	AH 01-16-98
Copper	*	mg/L	<0.0002	0.000313	<0.0002	0.000869	<0.0002	<0.0002	<0.0002				EPA6020	0.0002	17.318943	99.25	EVB 01-15-98
Fluoride	*	mg/L	0.0444	0.0353	0.0768	0.0522	0.0383	0.0371	0.0659				SM4500F	0.01			DLB 01-26-98
Iron	*	mg/L	0.0203	0.0397	0.0397	0.114	0.0188	0.519	0.740				EPA200.7	0.0002	0.2545588	101.65	EVB 01-14-98
Manganese	*	mg/L	0.777	1.65	4.41	1.66	1.13	3.09	5.24				EPA200.7	0.00004	0.1351421	105.66666	EVB 01-15-98
Silver	*	mg/L	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005				EPA6020	0.00005	13.524240	80.8855	EVB 01-15-98
Sulfate	*	mg/L	5.12	17.7	4.73	8.66	1.73	3.54	2.76				EPA375.4	1	0	137.84405	DLB 01-26-98
Zinc	*	mg/L	0.00278	<0.0007	0.00124	0.00277	<0.0007	<0.0007	0.000935				EPA6020	0.0007	17.539663	106.8	EVB 01-15-98
Color (color units)	*	PCU	20.0	10.0	10.0	25.0	15.0	10.0	15.0				SM2120B	5			DLB 01-13-98
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1				SM2150B	1			DLB 01-13-98
pH (units)	*	pH	5.78	6.79	7.05	7.76	7.49	6.93	6.67				EPA150.1	0.01	1.0150275	100.04285	JHW 01-14-98
Total Dissolved Solids	*	mg/L	76.0	102	434	178	178	298	322				SM2540C	2.5	6.1741098	134.00000	TRB 01-15-98
Foaming Agents	*	mg/L	<0.1	<0.1	0.861	<0.1	<0.1	<0.1	<0.1				SM5540C	0.1	0.0524129	89.209794	DLB 01-14-98
1,2,4-trichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5			CLS 01-15-98
cis-1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5			CLS 01-15-98
Xylene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.68	92.2	CLS 01-15-98
Methylene chloride	*	ug/L	1.67	<0.5	1.07	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	0.386	94.1	CLS 01-15-98
o-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	2.13	98.3	CLS 01-15-98
Para-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.72	106	CLS 01-15-98
Vinyl chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5			CLS 01-15-98
1,1-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	0.789	98.1	CLS 01-15-98
1,1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.3	99	CLS 01-15-98
1,2-dichloroethane	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3				EPA502.2	0.3	1.11	104	CLS 01-15-98
1,1,1-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.1	106	CLS 01-15-98
Carbon tetrachloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.05	105	CLS 01-15-98
1,2-dichloropropane	*	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				EPA502.2	0.25	1.1	115	CLS 01-15-98
Trichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.47	106	CLS 01-15-98
1,1,2-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.59	105	CLS 01-15-98
Tetrachloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.3	113	CLS 01-15-98
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.4	106	CLS 01-15-98
Benzene	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2				EPA502.2	0.2	1.09	99	CLS 01-15-98
Toluene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA502.2	0.5	1.33	97.6	CLS 01-15-98

Ethylbenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA502.2	0.5	0.0154	97	CLS	01-15-98
Styrene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA502.2	0.5			CLS	01-15-98
TTHM	*	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA502.2	0.001	2.84	107	CLS	01-15-98
Endrin	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA505	0.001	9.71	107	RAK	01-28-98
Lindane	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA505	0.001	0.347	105	RAK	01-28-98
Methoxychlor	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA505	0.01	1.05	112	RAK	01-28-98
Toxaphene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1			RAK	01-28-98
Dalapon	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA515.1	0.001	2.62	90.1	RAK	01-27-98
Diquat	*	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4			EPA549	0.4	2.7022401	87.65	FG	01-20-98
Endothall	*	ug/L	<9	<9	<9	<9	<9	<9	<9			EPA548	9	8.2987705	91.27	CLS	01-23-98
Glyphosate	*	ug/L	<6	<6	<6	<6	<6	<6	<6			EPA547	6	18.644140	103.22984	FG	02-04-98
Di(2-ethylhexyl) adipate	*	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6			EPA525.2	0.6	0.848	85.9	CLS	01-23-98
Oxamyl (Vydate)	*	ug/L	<2	<2	<2	<2	<2	<2	<2			EPA531.1	2	3.21	88	FG	01-29-98
Simazine	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07			EPA505	0.07	6.36	101	RAK	01-28-98
Bis(2-ethylhexyl) phthalate	*	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6			EPA525.2	0.6	0.694	83.5	CLS	01-23-98
Picloram	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07			EPA515.1	0.07	2.04	88.9	RAK	01-27-98
Dinoseb	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA515.1	0.01	6.43	90	RAK	01-27-98
Hexachlorocyclopentadiene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	9.59	108	RAK	01-28-98
Carbofuran	*	ug/L	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9			EPA531	0.9	5.81	91.3	FG	01-29-98
Atrazine	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	3.62	103	RAK	01-28-98
Alachlor (Lasso)	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			EPA505	0.2	6.83	103	RAK	01-28-98
Dioxin	*	ug/L										EPA625	0.01				
Heptachlor	*	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			EPA505	0.005	8.85	99.7	RAK	01-28-98
Heptachlor Epoxide	*	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			EPA505	0.005	7.93	102	RAK	01-28-98
2,4-D	*	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			EPA515.1	0.05	4.36	88	RAK	01-27-98
2,4,5-TP (Silvex)	*	ug/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			EPA515.1	0.02	4.17	91	RAK	01-27-98
Hexachlorobenzene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	0.185	112	RAK	01-28-98
Benzo(a)pyrene	*	ug/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			EPA550	0.02	8.26	74.4	FG	02-05-98
Pentachlorophenol	*	ug/L	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04			EPA515.1	0.04	4.84	84.7	RAK	01-27-98
Total PCB	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1			RAK	01-28-98
Dibromochloropropane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA504	0.01	7.3947794	106.24796	RAK	01-21-98
Ethylene dibromide	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA504	0.01	5.2095112	90.773475	RAK	01-21-98
Chlordane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA505	0.01	8.59	109	RAK	01-28-98
Gross alpha	*	pCi/L	6	3.6	21	6	1.3	3.3	8.2			EPA900	0.1			PL	01-22-98
Analysis Error(Ga)	*	pCi/L	1	0.9	2	1.7	0.7	0.7	1.4			EPA900	0.1			PL	01-22-98
Photon emitters	*	pCi/L										-	0.1				
Analysis Error(Photon)	*	pCi/L										-	0.1				
Radium-226	*	pCi/L	-	-	-	-	-	-	-			EPA903.1	0.1			PL	01-22-98
Analysis Error(226)	*	pCi/L	-	-	-	-	-	-	-			EPA903.1	0.1			PL	01-22-98
Radium-228	*	pCi/L	-	-	-	-	-	-	-			EPA904	0.3			PL	01-22-98
Analysis Error(228)	*	pCi/L	-	-	-	-	-	-	-			EPA904	0.3			PL	01-22-98
Man-made beta & photon	*	pCi/L	-	-	-	-	-	-	-			EPA900	0.1			PL	01-22-98
Analysis Error(beta & phc)	*	pCi/L	-	-	-	-	-	-	-			EPA900	0.1			PL	01-22-98
Date Received: 01-13-98 Typed: 02-06-98 Sent: 02-06-98																	
Project Number	Sumter Lndfl.																
PO Number	1-13-98																
Date Sampled	1 01-13-98																
Date Analyzed	0																
Compacted	1																
Format	NormRR																
Unit Cost	Exted																
PPCB93	47500 7 *																
TTHM	3000 7 *																
Sec93	8500 7 *																

VOC	6500	7 *
Inorg.	9500	7 *
GA	4000	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

1032	Manganese	16574	0.777	EPA200.70.00004	0.05	1/15/1998
1905	Color (color units)	16574	20.0	SM2120B	5 15	1/13/1998
1925	pH	16574	5.78	EPA150.1	0.01 6.5 - 8.5	1/14/1998
4000	Gross alpha	16574	6.00	EPA900	0.1 5	1/22/1998

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Lndfl.

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): 1/13/98

Sample Time: _____

Sample Location (be specific): SL1

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc.

HRS# 83139

Expiration Date 6/30/98

Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597

Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252

Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16574

Date Sample(s) Recieved: 1/13/98

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

☒ Nitrate

☒ Nitrite

☐ Asbestos

☒ Trihalomethanes

Inorganics

Volatile Organics

Secondaries

Pesticides & PCBs

☒ All 17 ☐ Partial

☒ All 21 ☐ Partial

☐ All 14 ☒ Partial

☐ All 30 ☒ Partial

Group I Unregulateds Group II Unregulateds

Group III Unregulateds

Radiochemicals

☐ All 13 ☐ Partial

☐ All 23 ☐ Partial

☐ All 11 ☐ Partial

☒ Single Sample

☐ Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____

Title: Technical Director

Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____

Sample Analysis Satisfactory: _____

Resample Request for: _____

Reason: _____

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

DEP /ACPHU Reviewing Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16574	0.0000667	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16574	0.00493	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16574	0.000400	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16574	<0.0002	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16574	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16574	0.0444	SM4500F C	0.01	4	01-26-98
1030 Lead	16574	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16574	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16574	<0.0002	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16574	2.32	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16574	0.0114	EPA353.2	0.01	1	01-14-98
1045 Selenium	16574	0.00169	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16574	3.11	EPA200.7	0.001	160	01-14-98
1074 Antimony	16574	0.00349	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16574	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16574	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16574		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16574	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16574	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16574	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16574	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16574	1.67	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16574	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16574	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16574	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16574	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16574	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16574	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16574	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16574	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16574	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16574	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16574	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16574	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16574	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16574	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16574	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16574	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16574	<0.5	EPA502.2	0.5	100	01-15-98

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	16574	0.163	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16574	2.40	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16574	<0.0002	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16574	0.0444	SM4500F C	0.01	2	01-26-98
1028 Iron	16574	0.0203	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16574	0.777	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16574	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16574	5.12	EPA375.4	1	250	01-26-98
1095 Zinc	16574	0.00278	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16574	20.0	SM2120B	5	15	01-13-98
1920 Odor.(total odor number)	16574	<1	SM2150B	1	3	01-13-98
1925 pH	16574	5.78	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16574	76.0	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16574	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16574	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16574	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16574	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16574	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16574	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16574	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16574	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16574	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16574	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16574	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16574	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16574	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16574	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16574	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16574	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16574	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16574	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16574	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16574		EPA625	0.01	0.00003	
2065 Heptachlor	16574	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16574	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16574	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16574	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16574	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16574	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16574	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16574	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16574	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16574	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16574	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16574	6.00	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16574	1.00	EPA900	0.1		01-22-98
4012 Photon emitters	16574		-	0.1		
4012 Analysis_Error(Photon)	16574		-	0.1		
4020 Radium-226	16574		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16574		EPA903.1	0.1		01-22-98
4030 Radium-228	16574		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16574		EPA904	0.3		01-22-98
4101 Man-made beta	16574		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16574		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1032	Manganese 16575	1.65	EPA200.70.00004	0.05	1/15/1998	-
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If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Lndfl.

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): 1/13/98

Sample Time : _____

Sample Location (be specific): SL2

Sampler Name and Phone: _____

Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc.

HRS# 83139

Expiration Date 6/30/98

Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597

Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS84252

Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16575

Date Sample(s) Recieved: 1/13/98

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

☒ Nitrate

☒ Nitrite

☐ Asbestos

☒ Trihalomethanes

Inorganics

Volatile Organics

Secondaries

Pesticides & PCBs

☒ All 17 ☐ Partial

☒ All 21 ☐ Partial

☐ All 14 ☒ Partial

☐ All 30 ☒ Partial

Group I Unregulateds Group II Unregulateds

Group III Unregulateds

Radiochemicals

☐ All 13 ☐ Partial

☐ All 23 ☐ Partial

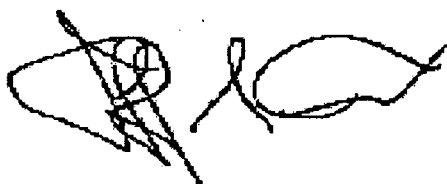
☐ All 11 ☐ Partial

☒ Single Sample

☐ Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____

Title: Technical Director

Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____

Sample Analysis Satisfactory: _____

Resample Request for: _____

Reason: _____

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

DEP /ACPHU Reviewing Official: _____

Effective 1/95

Inorganic Analysis
62-550.310(1)
(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16575	<0.00005	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16575	0.00775	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16575	<0.0001	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16575	0.000357	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16575	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16575	0.0353	SM4500F C	0.01	4	01-26-98
1030 Lead	16575	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16575	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16575	<0.0002	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16575	1.13	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16575	<0.01	EPA353.2	0.01	1	01-14-98
1045 Selenium	16575	<0.0003	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16575	9.12	EPA200.7	0.001	160	01-14-98
1074 Antimony	16575	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16575	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16575	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16575		TEM	1	7	

Trihalomethane Analysis
62-550.310(2)(a)
(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16575	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16575	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16575	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16575	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16575	<0.5	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16575	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16575	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16575	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16575	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16575	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16575	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16575	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16575	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16575	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16575	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16575	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16575	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16575	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16575	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16575	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16575	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16575	<0.5	EPA502.2	0.5	100	01-15-98

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	16575	0.0528	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16575	2.32	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16575	0.000313	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16575	0.0353	SM4500F C	0.01	2	01-26-98
1028 Iron	16575	0.0397	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16575	1.65	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16575	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16575	17.7	EPA375.4	1	250	01-26-98
1095 Zinc	16575	<0.0007	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16575	10.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16575	<1	SM2150B	1	3	01-13-98
1925 pH	16575	6.79	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16575	102	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16575	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16575	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16575	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16575	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16575	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16575	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16575	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16575	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16575	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16575	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16575	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16575	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16575	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16575	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16575	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16575	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16575	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16575	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16575	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16575		EPA625	0.01	0.00003	
2065 Heptachlor	16575	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16575	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16575	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16575	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16575	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16575	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16575	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16575	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16575	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16575	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16575	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16575	3.60	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16575	0.900	EPA900	0.1		01-22-98
4012 Photon emitters	16575		-	0.1		
4012 Analysis_Error(Photon)	16575		-	0.1		
4020 Radium-226	16575		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16575		EPA903.1	0.1		01-22-98
4030 Radium-228	16575		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16575		EPA904	0.3		01-22-98
4101 Man-made beta	16575		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16575		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1032	Manganese	16576	4.41	EPA200.70.00004	0.05	1/15/1998
2905	Foaming Agents	16576	0.861	SM5540C	0.1 0.5	1/14/1998
4000	Gross alpha	16576	21.0	EPA900	0.1 5	1/22/1998

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Lndfl.
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): 1/13/98 Sample Time : _____
Sample Location (be specific): SL4
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

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

ANALYSIS INFORMATION (to be completed by lab)

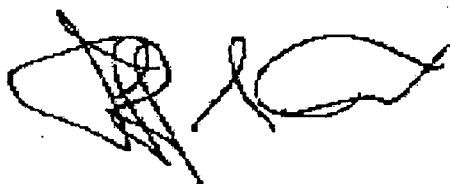
Lab Number: 16576

Date Sample(s) Recieved: 1/13/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☒ Trihalomethanes

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16576	0.000513	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16576	0.0110	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16576	0.000440	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16576	0.00478	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16576	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16576	0.0768	SM4500F C	0.01	4	01-26-98
1030 Lead	16576	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16576	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16576	0.00227	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16576	9.21	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16576	0.174	EPA353.2	0.01	1	01-14-98
1045 Selenium	16576	0.0141	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16576	42.5	EPA200.7	0.001	160	01-14-98
1074 Antimony	16576	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16576	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16576	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16576		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16576	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16576	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16576	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16576	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16576	1.07	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16576	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16576	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16576	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16576	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16576	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16576	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16576	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16576	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16576	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16576	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16576	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16576	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16576	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16576	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16576	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16576	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16576	<0.5	EPA502.2	0.5	100	01-15-98

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	16576	0.0458	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16576	75.8	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16576	<0.0002	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16576	0.0768	SM4500F C	0.01	2	01-26-98
1028 Iron	16576	0.0397	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16576	4.41	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16576	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16576	4.73	EPA375.4	1	250	01-26-98
1095 Zinc	16576	0.00124	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16576	10.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16576	<1	SM2150B	1	3	01-13-98
1925 pH	16576	7.05	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16576	434	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16576	0.861	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16576	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16576	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16576	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16576	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16576	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16576	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16576	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16576	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16576	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16576	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16576	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16576	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16576	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16576	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16576	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16576	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16576	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16576	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16576		EPA625	0.01	0.00003	
2065 Heptachlor	16576	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16576	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16576	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16576	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16576	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16576	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16576	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16576	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16576	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16576	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16576	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16576	21.0	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16576	2.00	EPA900	0.1		01-22-98
4012 Photon emitters	16576		-	0.1		
4012 Analysis_Error(Photon)	16576		-	0.1		
4020 Radium-226	16576		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16576		EPA903.1	0.1		01-22-98
4030 Radium-228	16576		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16576		EPA904	0.3		01-22-98
4101 Man-made beta	16576		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16576		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1002	Aluminum	16577	0.234	EPA6020	0.001	0.2	1/15/1998
1032	Manganese	16577	1.66	EPA200.70.00004	0.05	1/15/1998	
1905	Color (color units)	16577	25.0	SM2120B	5	15	1/13/1998
4000	Gross alpha	16577	6.00	EPA900	0.1	5	1/22/1998

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Lndfl.
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): 1/13/98 Sample Time : _____
Sample Location (be specific): SL6A
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

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

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16577

Date Sample(s) Recieved: 1/13/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☒ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____

Title: Technical Director

Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____ Sample Analysis Satisfactory: _____

Resample Request for: _____ Reason: _____

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

DEP /ACPHU Reviewing Official: _____

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16577	0.000329	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16577	0.0134	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16577	0.000710	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16577	0.0104	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16577	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16577	0.0522	SM4500F C	0.01	4	01-26-98
1030 Lead	16577	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16577	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16577	0.00308	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16577	4.69	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16577	0.0137	EPA353.2	0.01	1	01-14-98
1045 Selenium	16577	0.00101	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16577	4.52	EPA200.7	0.001	160	01-14-98
1074 Antimony	16577	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16577	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16577	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16577		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16577	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16577	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16577	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16577	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16577	<0.5	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16577	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16577	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16577	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16577	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16577	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16577	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16577	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16577	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16577	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16577	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16577	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16577	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16577	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16577	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16577	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16577	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16577	<0.5	EPA502.2	0.5	100	01-15-98

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	16577	0.234	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16577	6.48	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16577	0.000869	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16577	0.0522	SM4500F C	0.01	2	01-26-98
1028 Iron	16577	0.114	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16577	1.66	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16577	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16577	8.66	EPA375.4	1	250	01-26-98
1095 Zinc	16577	0.00277	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16577	25.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16577	<1	SM2150B	1	3	01-13-98
1925 pH	16577	7.76	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16577	178	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16577	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16577	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16577	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16577	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16577	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16577	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16577	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16577	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16577	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16577	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16577	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16577	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16577	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16577	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16577	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16577	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16577	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16577	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16577	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16577		EPA625	0.01	0.00003	
2065 Heptachlor	16577	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16577	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16577	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16577	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16577	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16577	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16577	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16577	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16577	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16577	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16577	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16577	6.00	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16577	1.70	EPA900	0.1		01-22-98
4012 Photon emitters	16577		-	0.1		
4012 Analysis_Error(Photon)	16577		-	0.1		
4020 Radium-226	16577		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16577		EPA903.1	0.1		01-22-98
4030 Radium-228	16577		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16577		EPA904	0.3		01-22-98
4101 Man-made beta	16577		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16577		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1032	Manganese 16578	1.13	EPA200.70.00004	0.05	1/15/1998
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If resampling is required, please contact FCL to order containers - they will not be sent out automatically.

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Lndfl.
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): 1/13/98 Sample Time : _____
Sample Location (be specific): SL7
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

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

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16578

Date Sample(s) Recieved: 1/13/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☒ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16578	0.000118	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16578	0.00353	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16578	<0.0001	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16578	0.00184	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16578	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16578	0.0383	SM4500F C	0.01	4	01-26-98
1030 Lead	16578	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16578	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16578	0.000347	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16578	4.14	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16578	<0.01	EPA353.2	0.01	1	01-14-98
1045 Selenium	16578	0.000790	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16578	5.25	EPA200.7	0.001	160	01-14-98
1074 Antimony	16578	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16578	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16578	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16578		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16578	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16578	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16578	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16578	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16578	<0.5	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16578	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16578	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16578	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16578	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16578	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16578	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16578	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16578	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16578	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16578	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16578	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16578	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16578	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16578	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16578	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16578	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16578	<0.5	EPA502.2	0.5	100	01-15-98

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	16578	0.00694	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16578	7.37	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16578	<0.0002	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16578	0.0383	SM4500F C	0.01	2	01-26-98
1028 Iron	16578	0.0188	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16578	1.13	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16578	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16578	1.73	EPA375.4	1	250	01-26-98
1095 Zinc	16578	<0.0007	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16578	15.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16578	<1	SM2150B	1	3	01-13-98
1925 pH	16578	7.49	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16578	178	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16578	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16578	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16578	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16578	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16578	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16578	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16578	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16578	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16578	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16578	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16578	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16578	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16578	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16578	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16578	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16578	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16578	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16578	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16578	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16578		EPA625	0.01	0.00003	
2065 Heptachlor	16578	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16578	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16578	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16578	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16578	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16578	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16578	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16578	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16578	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16578	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16578	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16578	1.30	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16578	0.700	EPA900	0.1		01-22-98
4012 Photon emitters	16578		-	0.1		
4012 Analysis_Error(Photon)	16578		-	0.1		
4020 Radium-226	16578		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16578		EPA903.1	0.1		01-22-98
4030 Radium-228	16578		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16578		EPA904	0.3		01-22-98
4101 Man-made beta	16578		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16578		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1028	Iron	16579	0.519	EPA200.7	0.0002	0.3	1/14/1998
1032	Manganese	16579	3.09	EPA200.70	0.00004	0.05	1/15/1998

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Lndfl.
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): 1/13/98 Sample Time : _____
Sample Location (be specific): SL8
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

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

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16579

Date Sample(s) Recieved: 1/13/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☒ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16579	0.000470	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16579	0.00685	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16579	0.000220	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16579	0.00793	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16579	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16579	0.0371	SM4500F C	0.01	4	01-26-98
1030 Lead	16579	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16579	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16579	0.00273	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16579	1.72	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16579	0.0153	EPA353.2	0.01	1	01-14-98
1045 Selenium	16579	0.000900	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16579	10.7	EPA200.7	0.001	160	01-14-98
1074 Antimony	16579	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16579	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16579	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16579		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16579	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16579	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16579	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16579	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16579	<0.5	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16579	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16579	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16579	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16579	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16579	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16579	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16579	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16579	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16579	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16579	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16579	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16579	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16579	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16579	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16579	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16579	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16579	<0.5	EPA502.2	0.5	100	01-15-98

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	16579	<0.001	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16579	7.19	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16579	<0.0002	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16579	0.0371	SM4500F C	0.01	2	01-26-98
1028 Iron	16579	0.519	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16579	3.09	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16579	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16579	3.54	EPA375.4	1	250	01-26-98
1095 Zinc	16579	<0.0007	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16579	10.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16579	<1	SM2150B	1	3	01-13-98
1925 pH	16579	6.93	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16579	298	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16579	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16579	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16579	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16579	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16579	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16579	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16579	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16579	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16579	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16579	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16579	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16579	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16579	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16579	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16579	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16579	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16579	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16579	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16579	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16579		EPA625	0.01	0.00003	
2065 Heptachlor	16579	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16579	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16579	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16579	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16579	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16579	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16579	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16579	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16579	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16579	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16579	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16579	3.30	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16579	0.700	EPA900	0.1		01-22-98
4012 Photon emitters	16579		-	0.1		
4012 Analysis_Error(Photon)	16579		-	0.1		
4020 Radium-226	16579		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16579		EPA903.1	0.1		01-22-98
4030 Radium-228	16579		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16579		EPA904	0.3		01-22-98
4101 Man-made beta	16579		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16579		EPA900	0.1		01-22-98

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1028	Iron	16580	0.740	EPA200.7	0.0002	0.3	1/14/1998
1032	Manganese	16580	5.24	EPA200.70	0.00004	0.05	1/15/1998
4000	Gross alpha	16580	8.20	EPA900	0.1	5	1/22/1998

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____ I.D. #: Sumter Lndfl.
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): 1/13/98 Sample Time : _____
Sample Location (be specific): SL9
Sampler Name and Phone: _____
Samplers Signature: _____ Title: _____

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

LABORATORY CERTIFICATION INFORMATION

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

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 16580
Date Sample(s) Recieved: 1/13/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:
☒ Nitrate ☒ Nitrite ☐ Asbestos ☒ Trihalomethanes

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

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

* Provide radiochemical sample dates & locations for each quarter

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



Signature: _____
Title: Technical Director Date: 2/6/98

COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	16580	0.00203	EPA6020	0.00005	0.05	01-15-98
1010 Barium	16580	0.0157	EPA6020	0.0004	2	01-15-98
1015 Cadmium	16580	0.000340	SM3113B	0.0001	0.005	01-26-98
1020 Chromium	16580	0.0117	EPA6020	0.0002	0.1	01-15-98
1024 Cyanide	16580	<0.005	SM4500-CN E	0.005	0.2	01-30-98
1025 Fluoride	16580	0.0659	SM4500F C	0.01	4	01-26-98
1030 Lead	16580	<0.001	EPA200.8	0.001	0.015	01-15-98
1035 Mercury	16580	<0.0002	EPA7470	0.0002	0.002	01-19-98
1036 Nickel	16580	0.00698	EPA6020	0.0002	0.1	01-15-98
1040 Nitrate(as N)	16580	0.107	EPA353.2	0.01	10	01-14-98
1041 Nitrite(as N)	16580	<0.01	EPA353.2	0.01	1	01-14-98
1045 Selenium	16580	0.00145	EPA6020	0.0003	0.05	01-15-98
1052 Sodium	16580	16.8	EPA200.7	0.001	160	01-14-98
1074 Antimony	16580	<0.003	EPA204.2	0.003	0.006	01-27-98
1075 Beryllium	16580	<0.0001	EPA6020	0.0001	0.004	01-15-98
1085 Thallium	16580	<0.0001	EPA6020	0.0001	0.002	01-15-98
1094 Asbestos	16580		TEM	1	7	

Trihalomethane Analysis

62-550.310(2)(a)

(PWS027)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
2950 TTHM	16580	<0.001	EPA502.2	0.001	0.1	01-15-98

Volatile Organic Analysis
62-550.310(2)(b)
(PWS028)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	16580	<0.5	EPA502.2	0.5	70	01-15-98
2380 cis-1,2-Dichloroethylene	16580	<0.5	EPA502.2	0.5	70	01-15-98
2955 Xylenes (total)	16580	<0.5	EPA502.2	0.5	10000	01-15-98
2964 Dichloromethane	16580	<0.5	EPA502.2	0.5	5	01-15-98
2968 O-dichlorobenzene	16580	<0.5	EPA502.2	0.5	600	01-15-98
2969 Para-dichlorobenzene	16580	<0.5	EPA502.2	0.5	75	01-15-98
2976 Vinyl chloride	16580	<0.5	EPA502.2	0.5	1	01-15-98
2977 1,1,-dichloroethylene	16580	<0.5	EPA502.2	0.5	7	01-15-98
2979 Trans-1,2-dichloroethylene	16580	<0.5	EPA502.2	0.5	100	01-15-98
2980 1,2,-dichloroethane	16580	<0.3	EPA502.2	0.3	3	01-15-98
2981 1,1,1-trichloroethane	16580	<0.5	EPA502.2	0.5	200	01-15-98
2982 Carbon tetrachloride	16580	<0.5	EPA502.2	0.5	3	01-15-98
2983 1,2-dichloropropane	16580	<0.25	EPA502.2	0.25	5	01-15-98
2984 Trichloroethylene	16580	<0.5	EPA502.2	0.5	3	01-15-98
2985 1,1,2-trichloroethane	16580	<0.5	EPA502.2	0.5	5	01-15-98
2987 Tetrachloroethylene	16580	<0.5	EPA502.2	0.5	3	01-15-98
2989 Monochlorobenzene	16580	<0.5	EPA502.2	0.5	100	01-15-98
2990 Benzene	16580	<0.2	EPA502.2	0.2	1	01-15-98
2991 Toluene	16580	<0.5	EPA502.2	0.5	1000	01-15-98
2992 Ethylbenzene	16580	<0.5	EPA502.2	0.5	700	01-15-98
2996 Styrene	16580	<0.5	EPA502.2	0.5	100	01-15-98

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	16580	0.0549	EPA6020	0.001	0.2	01-15-98
1017 Chloride	16580	12.8	SM4500Cl-D	0.01	250	01-16-98
1022 Copper	16580	<0.0002	EPA6020	0.0002	1	01-15-98
1025 Fluoride	16580	0.0659	SM4500F C	0.01	2	01-26-98
1028 Iron	16580	0.740	EPA200.7	0.0002	0.3	01-14-98
1032 Manganese	16580	5.24	EPA200.7	0.00004	0.05	01-15-98
1050 Silver	16580	<0.00005	EPA6020	0.00005	0.1	01-15-98
1055 Sulfate	16580	2.76	EPA375.4	1	250	01-26-98
1095 Zinc	16580	0.000935	EPA6020	0.0007	5	01-15-98
1905 Color (color units)	16580	15.0	SM2120B	5	15	01-13-98
1920 Odor (total odor number)	16580	<1	SM2150B	1	3	01-13-98
1925 pH	16580	6.67	EPA150.1	0.01	6.5 - 8.5	01-14-98
1930 Total Dissolved Solids	16580	322	SM2540C	2.5	500	01-15-98
2905 Foaming Agents	16580	<0.1	SM5540C	0.1	0.5	01-14-98

Pesticides & PCB Chemical Analysis
62-550.310(2)(c)
(PWS029)

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	16580	<0.001	EPA505	0.001	2	01-28-98
2010 Lindane	16580	<0.001	EPA505	0.001	0.2	01-28-98
2015 Methoxychlor	16580	<0.01	EPA505	0.01	40	01-28-98
2020 Toxaphene	16580	<0.1	EPA505	0.1	3	01-28-98
2031 Dalapon	16580	<0.001	EPA515.1	0.001	200	01-27-98
2032 Diquat	16580	<0.4	EPA549	0.4	20	01-20-98
2033 Endothall	16580	<9	EPA548	9	100	01-23-98
2034 Glyphosate	16580	<6	EPA547	6	700	02-04-98
2035 Di(2-ethylhexyl)adipate	16580	<0.6	EPA525.2	0.6	400	01-23-98
2036 Oxamyl (Vydate)	16580	<2	EPA531.1	2	200	01-29-98
2037 Simazine	16580	<0.07	EPA505	0.07	4	01-28-98
2039 Di(2-ethylhexyl)phthalate	16580	<0.6	EPA525.2	0.6	6	01-23-98
2040 Picloram	16580	<0.07	EPA515.1	0.07	500	01-27-98
2041 Dinoseb	16580	<0.01	EPA515.1	0.01	7	01-27-98
2042 Hexachlorocyclopentadiene	16580	<0.1	EPA505	0.1	50	01-28-98
2046 Carbofuran	16580	<0.9	EPA531	0.9	40	01-29-98
2050 Atrazine	16580	<0.1	EPA505	0.1	3	01-28-98
2051 Alachlor	16580	<0.2	EPA505	0.2	2	01-28-98
2063 2,3,7,8-TCDD (Dioxin)	16580		EPA625	0.01	0.00003	
2065 Heptachlor	16580	<0.005	EPA505	0.005	0.4	01-28-98
2067 Heptachlor epoxide	16580	<0.005	EPA505	0.005	0.2	01-28-98
2105 2,4-D	16580	<0.05	EPA515.1	0.05	70	01-27-98
2110 2,4,5-TP (Silvex)	16580	<0.02	EPA515.1	0.02	50	01-27-98
2274 Hexachlorobenzene	16580	<0.1	EPA505	0.1	1	01-28-98
2306 Benzo(a)pyrene	16580	<0.02	EPA550	0.02	0.2	02-05-98
2326 Pentachlorophenol	16580	<0.04	EPA515.1	0.04	1	01-27-98
2383 PCB	16580	<0.1	EPA505	0.1	0.5	01-28-98
2931 Dibromochloropropane	16580	<0.01	EPA504	0.01	0.2	01-21-98
2946 Ethylene dibromide	16580	<0.01	EPA504	0.01	0.02	01-21-98
2959 Chlordane	16580	<0.01	EPA505	0.01	2	01-28-98

Radiological Analysis
62-550.310(5)
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	16580	8.20	EPA900	0.1		5 01-22-98
4000 Analysis_Error(Ga)	16580	1.40	EPA900	0.1		01-22-98
4012 Photon emitters	16580		-	0.1		
4012 Analysis_Error(Photon)	16580		-	0.1		
4020 Radium-226	16580		EPA903.1	0.1		01-22-98
4020 Analysis_Error(226)	16580		EPA903.1	0.1		01-22-98
4030 Radium-228	16580		EPA904	0.3		01-22-98
4030 Analysis_Error(228)	16580		EPA904	0.3		01-22-98
4101 Man-made beta	16580		EPA900	0.1		01-22-98
4101 Analysis_Error(beta)	16580		EPA900	0.1		01-22-98



Lawton Chiles
Governor

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

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:

83139

EPA:

FL00091

DATE:

SEPTEMBER 22, 1997

MICROBIOLOGY

METHODS

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

MAY 1, 1997

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

PRIMARY INORGANIC

1. METALS

AA(FUR)

ICP

ICP/MS

OTHER

X ANTIMONY SM3113B
X ARSENIC SM3113B 200.8
X BARIUM SM3113B 200.7 200.8
X BERYLLIUM SM3113B 200.7 200.8
X CADMIUM SM3113B 200.7
X CHROMIUM SM3113B 200.7 200.8
X LEAD SM3113B 200.8
X MERCURY 245.1
X NICKEL 200.7 200.8
X SELENIUM SM3113B 200.8
X SODIUM 200.7
X THALLIUM 200.9 200.8

2. LEAD AND COPPER

X LEAD SM3113B 200.8
X COPPER 200.8

3. CYANIDE

IC

ISE

UV-VIS

OTHER

X CYANIDE SM4500CN E

4. NITRATE AND NITRITE

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

5. FLUORIDE

X FLUORIDE SM4500F C

6. ASBESTOS

_ ASBESTOS

SECONDARY INORGANIC

AA(FUR)

ICP

UV-VIS

OTHER

X ALUMINUM 200.7 200.8
_ CHLORIDE
X COLOR SM2120B
X COPPER SM3113B 200.7 200.8
X FLUORIDE SM4500F C
X FOAMING AGENTS SM5540C
X IRON SM3113B 200.7
X MANGANESE SM3113B 200.7 200.8
X ODOR SM2150B
X pH 150.1
X SILVER SM3113B 200.7 200.8
X SULFATE 300.0, 375.4
X TDS SM2540C
X ZINC 200.7 200.8

PESTICIDES AND PCB'S

GC

GC/MS

HPLC

1. INSECTICIDES

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

2. 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 545.1
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

Lawton Chiles
Governor



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

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:

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FL00091

DATE:

SEPTEMBER 22, 1997

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

MAY 1, 1997

OTHER REGULATED CONTAMINANTS

1. VOLATILE ORGANIC COMPOUNDS

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

2. TRIHALOMETHANES

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

GROUP I UNREGULATED CONTAMINANTS

1. CARBAMATES

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

2. HERBICIDES

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

GROUP II UNREGULATED CONTAMINANTS

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

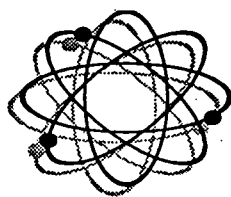
GROUP III UNREGULATED CONTAMINANTS

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



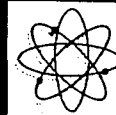
FLOWERS CHEMICAL LABORATORIES

Internal Custody Record

Lab Number: 16574

This form was intentionally left blank.

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



CHEMICAL
LABORATORIES
INCORPORATED

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

CLIENT <i>Central Testing Lab</i>	Client #: <i>1199</i>	Billing ADDRESS <i>P.O. Box 883 Ft. Lauderdale, FL 33436</i>	PHONE <i>352-726-6447</i>
--------------------------------------	-----------------------	---	------------------------------

Public Drinking Water ID #	Public Water System Name: <i>Sumter Canal Fill</i>
----------------------------	--

Project #	Public Water System Type: ☐ Limited Use Commercial/Public	NOTES: Turn Around Time 10 Working Days _____ 5 Working Days _____ 3 Working Days _____ 1 Working Day _____ Other ☒
PO #	☐ Community ☐ Non_Community ☐ Special Non_Community	

Per Site		PRESERVATIVE				PLASTIC CONTAINERS						GLASS CONTAINERS						
Total		HNO3	NaOH	Na2S2O3	H2SO4	60 mL	125 mL	250 mL clear	500 mL	1 Liter clear	2 Liter clear	Whirl-Pak Bag	40 mL	250 mL	500 mL	1 Liter AMBER	2 Liter	4 Liter
4	28	✓								✓			✓					
1	7		✓					✓		✓								
1	7								✓									
1	7								✓									
1	7																	
1	7																	
1	7																	
1	7																✓	

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

PARAMETERS

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

Laboratory Number

Client Identification/Description

16574
75
76
77
78
79
16580

Do Not Write in Shaded Area

#1	SL 1
#2	SL 2
#3	SL 4
#4	SL 6A
#5	SL 7
#6	SL 8
#7	SL 9
#8	
#9	
#10	

Monitoring Wells

Sample Collection:

Transportation:

Lab Acceptance:

Don Phil

Date

1-13-98

Time

1/13/98

1417

PM: Philip Loucks

Flowers Chemical Laboratories, Inc.
Cooler Receipt, Custody Record Verification, Preservation Form

Client: Cent. Testing Lab FCL Lab #: 16574 - 16580

Project: Sumter Lndfl.

Cooler Rec'd on 01-13-98

Cooler opened on: 01-13-98

Rec'd b SJW

Log-in date: 01-13-98

	Yes	No	NA
a. Airbills or airbill stickers	☐	☒	☐
b. Traffic reports or packing lists	☐	☒	☐
c. Custody seals on shipping containers	☐	☒	☐
d. Custody seals intact?	☐	☐	☒
e. Custody seal numbers	☐	☐	☒
if yes, _____			
f. Airbill or airbill sticker	☐	☒	☐
Shipped via: _____ Airbill #: _____			
g. Cooler Temperature upon receipt ≤ 4 Degrees C			
h. If sample vials received, were bubbles observed?	☐	☒	☐
i. Client/FCL chain-of-custody forms present	☒	☐	☐
j. Was condition of shipping containers OK	☒	☐	☐
k. Sample tags present	☒	☐	☐
l. Were sample containers in good condition	☒	☐	☐
m. Were all containers labeled correctly	☒	☐	☐
n. Did all labels agree with Chain of Custody record	☒	☐	☐
o. Were correct containers sent for requested analysis	☒	☐	☐
p. Were samples properly preserved (see below)	☒	☐	☐
q. Project Manager notified as to discrepancies	☐	☐	☒

Explanation of Discrepancies/Remarks: _____

Preservation Check		Yes	No	Comments: _____
pH	Reagent			
>12	NaOH	☒	☐	
<2	HNO ₃	☒	☐	
<2	H ₂ SO ₄	☐	☒	
<2	HCL	☐	☒	
	Na ₂ S ₂ O ₃	☐	☒	



**CHEMICAL
LABORATORIES**
INCORPORATED

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

Date Reported : Jan22 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	8747 SL1	8748 SL2	8749 SL4	8750 SL6A	8751 SL7
		Detection Limit							
Ammonium(as N)	mg/L	0.0100	67.8	3.09	<.0100	<.0100	<.0100	<.0100	<.0100
Turbidity	NTU	0.0500			6.40	6.00	2.10	12.0	7.80
Dilution_Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	106.	.690	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	105.	.050	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	105.	.980	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	104.	.650	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	96.5	.910	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	103.	.470	<0.300	<0.300	<0.300	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	115.	.690	<0.250	<0.250	<0.250	<0.250	<0.250
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	97.4	.510	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	115.	1.19	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	101.	.670	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	104.	.740	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	ug/L	0.300	93.9	.430	<0.300	<0.300	<0.300	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	106.	.340	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	92.3	.320	1.10	<1.00	1.50	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	101.	.480	<1.00	<1.00	<1.00	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	99.2	.840	<2.00	<2.00	<2.00	<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00	97.7	.130	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	106.	.560	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	112.	.430	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	97.4	.200	<1.00	<1.00	<1.00	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	ug/L	3.00	93.9	.440	<3.00	<3.00	<3.00	<3.00	<3.00

Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report may not be reproduced in part, results relate only to items tested.

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

Serving Your Analytical and Environmental Needs Since 1957

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Jefferson S. Flowers, Ph.D.
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**CHEMICAL
LABORATORIES**
INCORPORATED

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

Date Reported : Jan22 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	8752 SL8	8753 SL9
	Detection					
	Limit					
Ammonium(as N)	mg/L	0.0100	67.8	3.09	0.412	0.0887
Turbidity	NTU	0.0500			2.10	22.0
Dilution_Factor		-	-	-	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	106.	.690	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	105.	.050	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	105.	.980	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	104.	.650	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	96.5	.910	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	103.	.470	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	115.	.690	<0.250	<0.250
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00
Bromodichloromethane	ug/L	1.00	97.4	.510	<1.00	<1.00
Bromoform	ug/L	1.00	115.	1.19	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	101.	.670	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	104.	.740	<1.00	<1.00
Chloroform	ug/L	0.300	93.9	.430	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	106.	.340	<1.00	<1.00
Methylene chloride	ug/L	1.00	92.3	.320	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	101.	.480	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	99.2	.840	<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00	97.7	.130	<1.00	<1.00
Trichloroethene	ug/L	1.00	106.	.560	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	112.	.430	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	97.4	.200	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00
Chloroethane	ug/L	3.00	93.9	.440	<3.00	<3.00

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For: EPA601602 NH4 TB

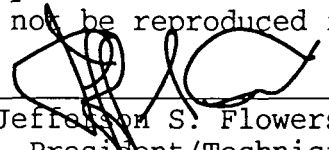
Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	8747 SL1	8748 SL2	8749 SL4	8750 SL6A	8751 SL7
		Detection Limit							
Chloromethane	ug/L	5.00			<5.00	<5.00	<5.00	<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00	<2.00	<2.00	<2.00
Vinyl chloride	ug/L	0.500			<0.500	<0.500	<0.500	<0.500	<0.500
Hall_Spike	ug/L	0.500	120.	2.00	124.	122.	122.	122.	121.
o-dichlorobenzene	ug/L	0.500	98.5	.330	<0.500	<0.500	<0.500	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	100.	.150	<0.500	<0.500	<0.500	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	107.	.420	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	ug/L	0.200	99.0	.060	<0.200	<0.200	<0.200	<0.200	<0.200
Chlorobenzene	ug/L	0.500	106.	.110	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	ug/L	0.500	97.3	.050	<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	ug/L	0.500	98.6	.180	<0.500	<0.500	<0.500	<0.500	<0.500
Xylene	ug/L	0.500	91.8	.450	<0.500	<0.500	<0.500	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	94.0	.180	<0.500	<0.500	<0.500	<0.500	<0.500
Total_BTEX	ug/L	0.500	95.0	.160	<0.500	<0.500	<0.500	<0.500	<0.500
PID_Spike	ug/L	0.500	92.4	.350	88.0	88.1	88.2	88.1	88.0

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**CHEMICAL
LABORATORIES**
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Floral City, FL 34436

Date Reported : Jan22 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	8752	8753
					SL8	SL9
		Detection				
		Limit				
Chloromethane	ug/L	5.00			<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00
Vinyl chloride	ug/L	0.500			<0.500	<0.500
Hall_Spike	ug/L	0.500	120.	2.00	121.	121.
o-dichlorobenzene	ug/L	0.500	98.5	.330	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	100.	.150	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	107.	.420	<0.500	<0.500
Benzene	ug/L	0.200	99.0	.060	<0.200	<0.200
Chlorobenzene	ug/L	0.500	106.	.110	<0.500	<0.500
Ethylbenzene	ug/L	0.500	97.3	.050	<0.500	<0.500
Toluene	ug/L	0.500	98.6	.180	<0.500	<0.500
Xylene	ug/L	0.500	91.8	.450	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	94.0	.180	<0.500	<0.500
Total_BTEX	ug/L	0.500	95.0	.160	<0.500	<0.500
PID_Spike	ug/L	0.500	92.4	.350	88.4	88.3

Data Release Authorization

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**CHEMICAL
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Received From:
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PO Box 883
Floral City, FL 34436

Date Reported : Jan22 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
				8747	
Turbidity	NTU	1850	53.7	6.40	
Methylene chloride	ug/L	15400	246.	1.10	
Hall_Spike	ug/L	153.	93.8	124.	
PID_Spike	ug/L	153.	101.	88.0	
				8748	
Turbidity	NTU	1850	53.7	6.00	
Hall_Spike	ug/L	153.	93.8	122.	
PID_Spike	ug/L	153.	101.	88.1	
				8749	
Turbidity	NTU	1850	53.7	2.10	
Methylene chloride	ug/L	15400	246.	1.50	
Hall_Spike	ug/L	153.	93.8	122.	
PID_Spike	ug/L	153.	101.	88.2	
				8750	
Turbidity	NTU	1850	53.7	12.0	
Hall_Spike	ug/L	153.	93.8	122.	
PID_Spike	ug/L	153.	101.	88.1	
				8751	
Turbidity	NTU	1850	53.7	7.80	
Hall_Spike	ug/L	153.	93.8	121.	
PID_Spike	ug/L	153.	101.	88.0	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



**CHEMICAL
LABORATORIES**
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Received From:
Cent. Testing Lab
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Floral City, FL 34436

Date Reported : Jan22 1998
Project Number : Sumter Lndfl.
PO Number : 1-13-98
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Jan13 1998 Date Received: Jan13 1998 Lab Numbers: 8747-8753

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
				8752	
Ammonium(as N)	mg/L	632.	23.2	0.412	
Turbidity	NTU	1850	53.7	2.10	
Hall_Spike	ug/L	153.	93.8	121.	
PID_Spike	ug/L	153.	101.	88.4	
				8753	
Ammonium(as N)	mg/L	632.	23.2	0.0887	
Turbidity	NTU	1850	53.7	22.0	
Hall_Spike	ug/L	153.	93.8	121.	
PID_Spike	ug/L	153.	101.	88.3	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

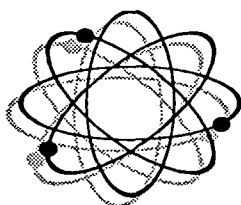
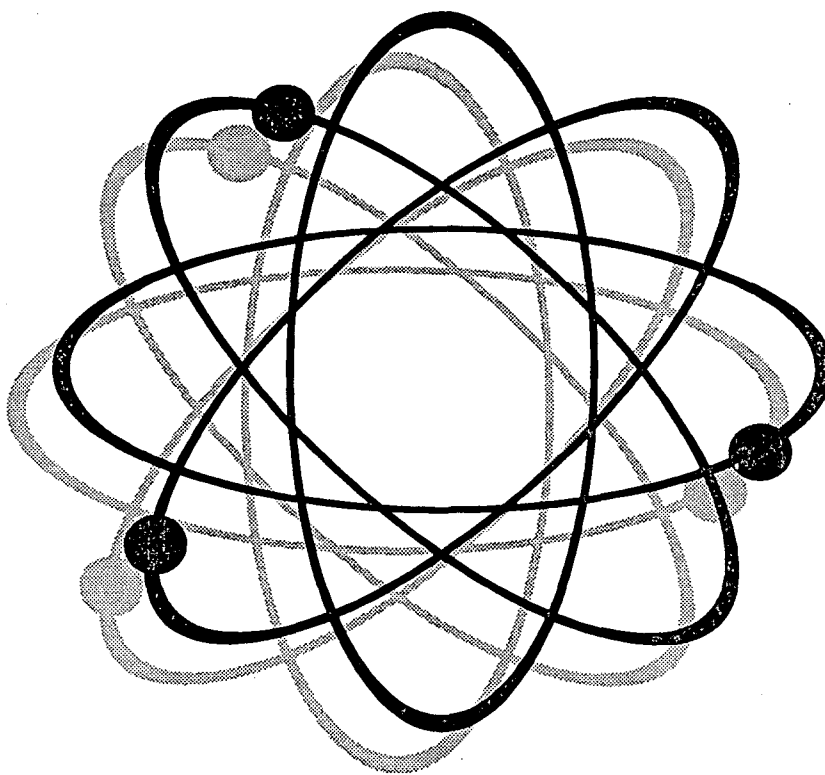
1199		FLOWERS CHEMICAL LABORATORIES															
		ANALYTICAL RESULTS FORM										HRS Number 83139					
Parameter	Symbol	Unit	SL1 8747	SL2 8748	SL4 8749	SL6A 8750	SL7 8751	SL8 8752	SL9 8753				QA Section			Analys	Date
												Method	MOL	%RSD	%Rec		
Ammonium(as N)	*	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.412	0.0887			EPA350.1	0.01	3.0946239	67.85912	AH	01-22-98
Turbidity	*	NTU	6.40	6.00	2.10	12.0	7.80	2.10	22.0			EPA180.1	0.05	0	100	DLB	01-15-98
Dilution Factor	*	#	1	1	1	1	1	1	1			EPA601	1			CLS	01-14-98
1,1,1-trichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.691	106	CLS	01-14-98
1,1,2,2-tetrachloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.0527	105	CLS	01-14-98
1,1,2-trichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.981	105	CLS	01-14-98
1,1-dichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.657	104	CLS	01-14-98
1,1-dichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.916	96.5	CLS	01-14-98
1,2-dichloroethane	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3			EPA601	0.3	0.474	103	CLS	01-14-98
1,2-dichloropropane	*	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			EPA601	0.25	0.694	115	CLS	01-14-98
2-chloroethylvinylether	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1			CLS	01-14-98
Bromodichloromethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.517	97.4	CLS	01-14-98
Bromodform	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	1.19	115	CLS	01-14-98
cis-1,3-dichloropropene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.67	101	CLS	01-14-98
Carbon tetrachloride	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.743	104	CLS	01-14-98
Chloroform	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3			EPA601	0.3	0.437	93.9	CLS	01-14-98
Dibromochloromethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.34	106	CLS	01-14-98
Methylene chloride	*	ug/L	1.1	<1	1.5	<1	<1	<1	<1			EPA601	1	0.328	92.3	CLS	01-14-98
trans-1,3-dichloropropene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.483	101	CLS	01-14-98
Trichlorofluoromethane	*	ug/L	<2	<2	<2	<2	<2	<2	<2			EPA601	2	0.847	99.2	CLS	01-14-98
1,1,2-dichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.133	97.7	CLS	01-14-98
Trichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.562	106	CLS	01-14-98
Tetrachloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.433	112	CLS	01-14-98
1,2-dibromo-3-chloroprop	*	ug/L	<1	<1	<1	<1	<1	<1	<1			EPA601	1	0.205	97.4	CLS	01-14-98
Bromomethane	*	ug/L	<5	<5	<5	<5	<5	<5	<5			EPA601	5			CLS	01-14-98
Chloroethane	*	ug/L	<3	<3	<3	<3	<3	<3	<3			EPA601	3	0.447	93.9	CLS	01-14-98
Chloromethane	*	ug/L	<5	<5	<5	<5	<5	<5	<5			EPA601	5			CLS	01-14-98
Dichlorodifluoromethane	*	ug/L	<2	<2	<2	<2	<2	<2	<2			EPA601	2			CLS	01-14-98
Vinyl chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA601	0.5			CLS	01-14-98
Hall Spike	*	ug/L	124	122	122	122	121	121	121			EPA601	0.5	2	120	CLS	01-14-98
o-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.338	98.5	CLS	01-14-98
m-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.15	100	CLS	01-14-98
Para-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.423	107	CLS	01-14-98
Benzene	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			EPA602	0.2	0.0674	99	CLS	01-14-98
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.116	106	CLS	01-14-98
Ethylbenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.0513	97.3	CLS	01-14-98
Toluene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.186	98.6	CLS	01-14-98
Xylene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.454	91.8	CLS	01-14-98
Methyl-tert-butylether	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.188	94	CLS	01-14-98
Total BTEX	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA602	0.5	0.167	95	CLS	01-14-98
PID Spike	*	ug/L	88	88.1	88.2	88.1	88	88.4	88.3			EPA602	0.5	0.351	92.4	CLS	01-14-98
			Date Received: 01-13-98				Typed: 01-22-98				Sent: 01-22-98						
Project Number	Sumter Lndfl.																
PO Number	1-13-98																
Date Sampled	1 01-13-98																
Date Analyzed	0																
Compacted	1																
Format	NormRR																
Unit Cost	Exted																

EPA601602	9000	7 *
NH4	1200	7 *
TB	700	7 *

Quality Assurance Report

Prepared for: Cent. Testing Lab
Project Number: Sumter Lndfl.
Lab Numbers: 8747 - 8753

Report date: 22-Jan-98



**FLOWERS
CHEMICAL
LABORATORIES**

**QA
Conformance
Summary**

Client:	Cent. Testing Lab
Project Number:	Sumter Lndfl.
P.O. Number:	1-13-98
Date Sampled:	13-Jan-98
Lab Numbers:	8747 - 8753

Sample Handling

Sample handling and holding time criteria were met for all samples.
Samples Collected by Submitter.

Surrogate Compound Recoveries:

The recovery limits were met for all samples as shown in section 1. This represents complete success.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.

The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.

The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.

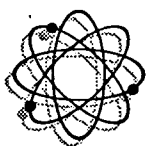
The t-test limits were met for all QCCS standards as shown in section 5.

The t-test limits were exceeded for 2 matrix spike standards as shown in section 5.

This represents a 94.3% success rate.

There were 4 standard blanks.

The t-test limits were met for all surrogate spike standards as shown in section 5.



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

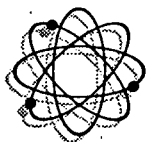
Hall_Spike for EPA601

Surrogate Expected: 100

Unit of measure: ug/L

Acceptability Limits: 76 - 142

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
8747	SL1	124	124
8748	SL2	122	122
8749	SL4	122	122
8750	SL6A	122	122
8751	SL7	121	121
8752	SL8	121	121
8753	SL9	121	121



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

PID_Spike for EPA602

Surrogate Expected: 100

Unit of measure: ug/L

Acceptability Limits: 55.9 - 130

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
8747	SL1	88.0	88.0
8748	SL2	88.1	88.1
8749	SL4	88.2	88.2
8750	SL6A	88.1	88.1
8751	SL7	88.0	88.0
8752	SL8	88.4	88.4
8753	SL9	88.3	88.3



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Ammonium(as N)	mg/L	EPA350.1	01-22-98	1	3.49	4.17	67.9%	4.03	53.5%	1.68 - 6.76	0.101	0 - 0.321
1,1,1-trichloroethane	ug/L	EPA601	01-14-98	32	<1	34.1	107%	33.8	106%	21.6 - 41.6	0.212	0 - 5.52
1,1,2,2-tetrachloroethane	ug/L	EPA601	01-14-98	32	<1	33.6	105%	33.7	105%	22.1 - 42.5	0.071	0 - 5.18
1,1,2-trichloroethane	ug/L	EPA601	01-14-98	32	<1	33.7	105%	33.3	104%	21.3 - 40.7	0.283	0 - 5.58
1,1-dichloroethane	ug/L	EPA601	01-14-98	32	<1	33.5	105%	33.2	104%	21.9 - 40.9	0.212	0 - 5.66
1,1-dichloroethene	ug/L	EPA601	01-14-98	32	<1	31.1	97.2%	30.7	95.9%	19.6 - 43.4	0.283	0 - 6.76
1,2-dichloroethane	ug/L	EPA601	01-14-98	32	<0.3	33.1	103%	32.9	103%	21.1 - 40.9	0.141	0 - 6.53
1,2-dichloropropane	ug/L	EPA601	01-14-98	32	<0.25	36.8	115%	36.5	114%	21.1 - 42.9	0.212	0 - 6.24
Bromodichloromethane	ug/L	EPA601	01-14-98	32	<1	31.3	97.8%	31.1	97.2%	21.7 - 40.3	0.141	0 - 5.36
Bromoform	ug/L	EPA601	01-14-98	32	<1	36.5	114%	37.1	116%	18.5 - 44.0	0.424	0 - 6.66
cis-1,3-dichloropropene	ug/L	EPA601	01-14-98	32	<1	32.5	102%	32.2	101%	23.0 - 39.6	0.212	0 - 4.79
Carbon tetrachloride	ug/L	EPA601	01-14-98	32	<1	33.5	105%	33.2	104%	21.4 - 41.5	0.212	0 - 6.00
Chloroform	ug/L	EPA601	01-14-98	32	<0.3	30.2	94.4%	30.0	93.8%	21.0 - 38.6	0.141	0 - 5.31
Dibromochloromethane	ug/L	EPA601	01-14-98	32	<1	34.0	106%	34.1	107%	20.7 - 41.2	0.071	0 - 5.50
Methylene chloride	ug/L	EPA601	01-14-98	32	1.12	30.6	92.1%	30.7	92.4%	21.9 - 38.6	0.071	0 - 5.22
trans-1,3,-dichloropropene	ug/L	EPA601	01-14-98	32	<1	32.5	102%	32.3	101%	22.1 - 40.0	0.141	0 - 4.63
Trichlorofluoromethane	ug/L	EPA601	01-14-98	32	<2	31.5	98.4%	31.9	99.7%	19.8 - 42.9	0.283	0 - 6.34
t-1,2-dichloroethene	ug/L	EPA601	01-14-98	32	<1	31.3	97.8%	31.2	97.5%	21.1 - 39.5	0.071	0 - 5.57
Trichloroethene	ug/L	EPA601	01-14-98	32	<1	33.9	106%	33.7	105%	20.1 - 42.0	0.141	0 - 6.36
Tetrachloroethene	ug/L	EPA601	01-14-98	32	<1	35.9	112%	35.7	112%	19.6 - 44.4	0.141	0 - 7.51
1,2-dibromo-3-chloropropane	ug/L	EPA601	01-14-98	32	<1	31.1	97.2%	31.2	97.5%	19.4 - 45.3	0.071	0 - 6.00
Chloroethane	ug/L	EPA601	01-14-98	32	<3	29.9	93.4%	30.1	94.1%	19.7 - 42.9	0.141	0 - 7.75
o-dichlorobenzene	ug/L	EPA602	01-14-98	32	<0.5	31.6	98.8%	31.5	98.4%	21.8 - 38.9	0.071	0 - 5.13
m-dichlorobenzene	ug/L	EPA602	01-14-98	32	<0.5	32.2	101%	32.1	100%	20.2 - 40.5	0.071	0 - 6.19
Para-dichlorobenzene	ug/L	EPA602	01-14-98	32	<0.5	34.3	107%	34.1	107%	19.4 - 43.2	0.141	0 - 6.90
Benzene	ug/L	EPA602	01-14-98	32	<0.2	31.7	99.1%	31.7	99.1%	20.5 - 41.3	0.000	0 - 6.27
Chlorobenzene	ug/L	EPA602	01-14-98	32	<0.5	33.9	106%	33.9	106%	22.2 - 41.6	0.000	0 - 5.82
Ethylbenzene	ug/L	EPA602	01-14-98	32	<0.5	31.1	97.2%	31.2	97.5%	21.5 - 40.3	0.071	0 - 5.53
Toluene	ug/L	EPA602	01-14-98	32	<0.5	31.5	98.4%	31.6	98.8%	20.8 - 40.6	0.071	0 - 6.65
Xylene	ug/L	EPA602	01-14-98	96	<0.5	88.4	92.1%	87.8	91.5%	57.7 - 125	0.424	0 - 20.8
Methyl-tert-butylether	ug/L	EPA602	01-14-98	32	<0.5	30.0	93.8%	30.1	94.1%	17.4 - 42.4	0.071	0 - 7.45
Total BTEX	ug/L	EPA602	01-14-98	192	<0.5	183	95.3%	182	94.8%	126 - 242	0.707	0 - 36.1



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

Analyte	Unit	Method	Date	Concentration
Ammonium(as N)	mg/L	EPA350.1	01-22-98	<0.01
Turbidity	NTU	EPA180.1	01-15-98	<0.05
1,1,1-trichloroethane	ug/L	EPA601	01-14-98	<1
1,1,2,2-tetrachloroethane	ug/L	EPA601	01-14-98	<1
1,1,2-trichloroethane	ug/L	EPA601	01-14-98	<1
1,1-dichloroethane	ug/L	EPA601	01-14-98	<1
1,1-dichloroethene	ug/L	EPA601	01-14-98	<1
1,2-dichloroethane	ug/L	EPA601	01-14-98	<0.3
1,2-dichloropropane	ug/L	EPA601	01-14-98	<0.25
2-chloroethylvinylether	ug/L	EPA601	01-14-98	<1
Bromodichloromethane	ug/L	EPA601	01-14-98	<1
Bromoform	ug/L	EPA601	01-14-98	<1
cis-1,3-dichloropropene	ug/L	EPA601	01-14-98	<1
Carbon tetrachloride	ug/L	EPA601	01-14-98	<1
Chloroform	ug/L	EPA601	01-14-98	<0.3
Dibromochloromethane	ug/L	EPA601	01-14-98	<1
Methylene chloride	ug/L	EPA601	01-14-98	<1
trans-1,3,-dichloropropene	ug/L	EPA601	01-14-98	<1
Trichlorofluoromethane	ug/L	EPA601	01-14-98	<2
t-1,2-dichloroethene	ug/L	EPA601	01-14-98	<1
Trichloroethene	ug/L	EPA601	01-14-98	<1
Tetrachloroethene	ug/L	EPA601	01-14-98	<1
1,2-dibromo-3-chloropropane	ug/L	EPA601	01-14-98	<1
Bromomethane	ug/L	EPA601	01-14-98	<5
Chloroethane	ug/L	EPA601	01-14-98	<3
Chloromethane	ug/L	EPA601	01-14-98	<5
Dichlorodifluoromethane	ug/L	EPA601	01-14-98	<2
Vinyl chloride	ug/L	EPA601	01-14-98	<0.5
o-dichlorobenzene	ug/L	EPA602	01-14-98	<0.5



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

Analyte	Unit	Method	Date	Concentration
m-dichlorobenzene	ug/L	EPA602	01-14-98	<0.5
Para-dichlorobenzene	ug/L	EPA602	01-14-98	<0.5
Benzene	ug/L	EPA602	01-14-98	<0.2
Chlorobenzene	ug/L	EPA602	01-14-98	<0.5
Ethylbenzene	ug/L	EPA602	01-14-98	<0.5
Toluene	ug/L	EPA602	01-14-98	<0.5
Xylene	ug/L	EPA602	01-14-98	<0.5
Methyl-tert-butylether	ug/L	EPA602	01-14-98	<0.5
Total_BTEX	ug/L	EPA602	01-14-98	<0.5



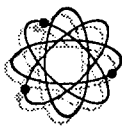
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Ammonium(as N)	mg/L	EPA350.1	01-22-98	0.500	0.497	99.4%	0.414 - 0.593
Turbidity	NTU	EPA180.1	01-15-98	4.00	4.00	100%	2.76 - 6.01
1,1,1-trichloroethane	ug/L	EPA601	01-14-98	40.0	39.3	98.3%	28.1 - 49.7
1,1,2,2-tetrachloroethane	ug/L	EPA601	01-14-98	40.0	43.8	110%	31.8 - 52.2
1,1,2-trichloroethane	ug/L	EPA601	01-14-98	40.0	44.1	110%	29.3 - 52.3
1,1-dichloroethane	ug/L	EPA601	01-14-98	40.0	40.1	100%	28.2 - 49.1
1,1-dichloroethene	ug/L	EPA601	01-14-98	40.0	36.2	90.5%	25.5 - 51.4
1,2-dichloroethane	ug/L	EPA601	01-14-98	40.0	40.4	101%	30.2 - 49.2
1,2-dichloropropane	ug/L	EPA601	01-14-98	40.0	45.5	114%	31.4 - 52.6
Bromodichloromethane	ug/L	EPA601	01-14-98	40.0	38.4	96.0%	29.3 - 50.1
Bromoform	ug/L	EPA601	01-14-98	40.0	45.7	114%	27.8 - 55.4
cis-1,3-dichloropropene	ug/L	EPA601	01-14-98	40.0	39.9	99.8%	29.3 - 51.5
Carbon tetrachloride	ug/L	EPA601	01-14-98	40.0	39.0	97.5%	29.1 - 48.3
Chloroform	ug/L	EPA601	01-14-98	40.0	36.4	91.0%	27.8 - 45.9
Dibromochloromethane	ug/L	EPA601	01-14-98	40.0	43.9	110%	29.9 - 51.7
Methylene chloride	ug/L	EPA601	01-14-98	40.0	35.9	89.8%	25.4 - 49.2
trans-1,3,-dichloropropene	ug/L	EPA601	01-14-98	40.0	40.8	102%	29.9 - 52.5
Trichlorofluoromethane	ug/L	EPA601	01-14-98	40.0	40.1	100%	27.0 - 55.4
t-1,2-dichloroethene	ug/L	EPA601	01-14-98	40.0	36.3	90.8%	26.7 - 47.6
Trichloroethene	ug/L	EPA601	01-14-98	40.0	41.3	103%	27.9 - 49.8
Tetrachloroethene	ug/L	EPA601	01-14-98	40.0	45.4	114%	29.7 - 51.9
1,2-dibromo-3-chloropropane	ug/L	EPA601	01-14-98	40.0	40.1	100%	26.1 - 57.1
Chloroethane	ug/L	EPA601	01-14-98	40.0	38.3	95.8%	27.7 - 53.9
o-dichlorobenzene	ug/L	EPA602	01-14-98	40.0	42.7	107%	32.9 - 49.5
m-dichlorobenzene	ug/L	EPA602	01-14-98	40.0	44.2	111%	32.2 - 51.8
Para-dichlorobenzene	ug/L	EPA602	01-14-98	40.0	45.9	115%	31.5 - 54.1
Benzene	ug/L	EPA602	01-14-98	40.0	37.6	94.0%	27.5 - 49.8
Chlorobenzene	ug/L	EPA602	01-14-98	40.0	44.3	111%	32.2 - 52.6
Ethylbenzene	ug/L	EPA602	01-14-98	40.0	38.7	96.8%	27.6 - 50.1
Toluene	ug/L	EPA602	01-14-98	40.0	38.6	96.5%	27.5 - 49.6
Xylene	ug/L	EPA602	01-14-98	120	111	92.5%	79.3 - 150
Methyl-tert-butylether	ug/L	EPA602	01-14-98	40.0	32.9	82.3%	20.4 - 53.0
Total_BTEX	ug/L	EPA602	01-14-98	240	226	94.2%	164 - 298



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot
		Lot #	Lot #	By	Received	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std
1,1,1-trichloroethane	Accustandard		Standard				Lot									
1,1,2,2-tetrachloroethane	Accustandard															
1,1,2-trichloroethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.06	>1.65	0.979	0.079	1.07	0.014
1,1-dichloroethane	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	6.52	±1.99	0.767	0.151	0.959	0.136
1,1-dichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.06	>1.65	0.979	0.079	1.07	0.014
1,2-dichloroethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98						
1,2-dichloropropane	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	7.26	>1.66	1.03	0.055	1.05	0.013
Bromodichloromethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98						
Bromoform	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.369	±1.97	0.992	0.418	1.06	0.039
Compound	Manufacturer	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	0.390	±1.97	0.992	0.418	1.06	0.037
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.369	±1.97	0.992	0.418	1.06	0.039
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.72	>1.65	0.954	0.086	1.05	0.023
Matrix Spike	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.47	>1.65	0.954	0.086	1.02	0.065
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.72	>1.65	0.954	0.086	1.05	0.023
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.47	>1.65	0.942	0.093	1.04	0.103
Matrix Spike	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	4.32	>1.65	0.942	0.093	0.921	0.026
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.47	>1.65	0.942	0.093	1.04	0.103
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.27	>1.65	0.978	0.083	1.06	0.022
Name	Name	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.39	>1.65	0.978	0.083	1.05	0.042
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.27	>1.65	0.978	0.083	1.06	0.022
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.24	>1.68	1.02	0.096	1.13	0.062
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	2.92	>1.68	1.02	0.096	1.08	0.080
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.24	>1.68	1.02	0.096	1.13	0.062
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
QCCS	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
cis-1,3-dichloropropene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.525	±2.04	0.974	0.340	1.06	0.009
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.525	±2.04	0.974	0.340	1.06	0.009
Carbon tetrachloride	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.29	>1.76	0.995	0.074	1.08	0.021
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.08	>1.76	0.995	0.074	1.07	0.057



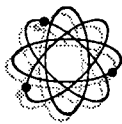
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot
		Lot #	Lot #	By	Recieved	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std
1,1,1-trichloroethane	Accustandard		Standard				Lot									
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.29	>1.76	0.995	0.074	1.08	0.021
Chloroform	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
Dibromochloromethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.76	0.973	0.063	1.07	0.023
Methylene chloride	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.34	>1.76	1.00	0.061	0.962	0.018
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	4.64	>1.76	1.00	0.061	0.952	0.042
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.34	>1.76	1.00	0.061	0.962	0.018
trans-1,3,-dichloropropene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.525	±2.04	0.974	0.340	1.06	0.009
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	0.525	±2.04	0.974	0.340	1.06	0.009
Trichlorofluoromethane	Ultra	K-1145	601	DO	11-26-96	09-09-98	780	DO	06-16-97	05-01-98						
QCCS																
Matrix Spike																
t-1,2-dichloroethene	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
QCCS																
Matrix Spike																
Trichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.10	>1.76	0.974	0.056	1.03	0.032
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.10	>1.76	0.974	0.056	1.03	0.032
Tetrachloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.07	>1.76	0.949	0.045	1.09	0.050
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.62	>1.76	0.949	0.045	1.04	0.068
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.07	>1.76	0.949	0.045	1.09	0.050
1,2-dibromo-3-chloropropane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.28	>1.65	0.989	0.103	1.08	0.015
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	2.09	>1.65	0.989	0.103	1.09	0.032
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.28	>1.65	0.989	0.103	1.08	0.015
Bromomethane	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98			0.974	0.035	0.971	
QCCS																
Matrix Spike	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98			0.974	0.035	0.971	
Chloroethane	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98	1.77	>1.76	0.993	0.074	1.11	0.086
QCCS	Ultra	K-1145	601	DO	11-26-96	09-09-98	780	DO	06-16-97	05-01-98						



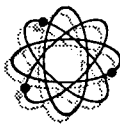
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot
		Lot #	Lot #	By	Received	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std
1,1,1-trichloroethane	Accustandard															
Matrix Spike	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98	1.77	>1.76	0.993	0.074	1.11	0.086
Chloromethane	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98			0.954	0.079	1.01	
QCCS																
Matrix Spike	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98			0.954	0.079	1.01	
Dichlorodifluoromethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98			1.01	0.082	1.02	
QCCS																
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98			1.01	0.082	1.02	
Vinyl chloride	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98						
QCCS																
Matrix Spike	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98						
o-dichlorobenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	4.46	>1.75	1.03	0.068	1.08	0.022
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	5.03	>1.75	1.03	0.068	1.02	0.068
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	4.46	>1.75	1.03	0.068	1.08	0.022
m-dichlorobenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	4.77	>1.75	1.00	0.059	1.06	0.024
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	4.21	>1.75	1.00	0.059	1.03	0.100
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	4.77	>1.75	1.00	0.059	1.06	0.024
Para-dichlorobenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.78	>1.75	1.02	0.092	1.08	0.054
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	2.98	>1.75	1.02	0.092	1.06	0.087
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	2.78	>1.75	1.02	0.092	1.08	0.054
Benzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	1.04	0.033
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
Chlorobenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.62	>1.75	1.00	0.052	1.06	0.017
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	6.58	±1.98	0.767	0.151	0.970	0.185
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.62	>1.75	1.00	0.052	1.06	0.017
Ethylbenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	1.04	0.033
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
Toluene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	1.04	0.033
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
O-Xylene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.64	>1.71	0.965	0.056	0.973	0.056
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.51	>1.71	0.930	0.033	1.03	0.109



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Lndfl.
P.O. Number: 1-13-98
Date Sampled: 13-Jan-98
Lab Numbers: 8747 - 8753

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot
		Lot #	Lot #	By	Recieved	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std
1,1,1-trichloroethane	Accustandard		Standard				Lot									
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.64	>1.71	0.965	0.056	0.973	0.056
M&P-Xylene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	7.17	>1.66	0.999	0.060	0.994	0.028
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	1.04	0.033
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	7.17	>1.66	0.999	0.060	0.994	0.028
Methyl-tert-butylether	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	1.04	0.033
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.25	>1.68	0.986	0.067	0.992	0.027
EPA350.1 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						
EPA180.1 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						
EPA601 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	01-01-97	660	DO	02-01-97	01-01-98						
EPA602 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	01-01-97	660	DO	02-01-97	01-01-98						
Hall Spike	Aldrich	01920EY	539	DO	01-01-95	01-01-99	549	CST	07-18-96	07-18-97	4.40	>1.75	0.971	0.063	1.02	0.053
PID_Spike	Aldrich	11231EN	538	DO	01-01-95	01-01-99	549	CST	07-18-96	07-18-97	8.69	>1.69	1.02	0.031	1.01	0.098



ANALYTICAL & CONSULTING CHEMISTS CHAIN OF CUSTODY RECORD

**CHEMICAL
LABORATORIES
INCORPORATED**

CLIENT # 1199 <i>Central Testing Lab</i>		ADDRESS <i>P.O. Box 883 Floral City, FL 34431</i>		PHONE <i>352-726-6447</i>	
PROJECT NAME: <i>Sumter Landfill</i>		REQUIRED: ☐ Urgent ☒ Routine		DATE <i>1-13-97</i>	

Sample Containers	Preservative						Plastic Containers						Glass Containers						NOTES:	
	HNO3	H2SO4	HCl	Na2S2O3	Zn(C2H3O2)/NaOH	NaOH/Ascorbic Acid	60mL	125mL	250mL	500mL	1L	2L	Whirl-Pak Bag	40mL Vial	250mL	500mL	1L	2L		4L
QTY																				pH < 2
<i>14</i>						✓								✓						
<i>7</i>						✓			✓											
<i>7</i>	✓								✓											

Kit Relinquished: <i>Ron Ehl</i>	Date: <i>1-13-98</i> Time: <i>12:00 PM</i>	Kit Received: <i>Ron Ehl</i>	Date: <i>1-8-98</i> Time: <i>7:00 PM</i>
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Parameters: *601/602, NH4, TB*

Laboratory Number	Client Identification/Description
<i>8747</i>	<i>SL1</i>
<i>48</i>	<i>SL2</i>
<i>49</i>	<i>SL4</i>
<i>50</i>	<i>SL6A</i>
<i>51</i>	<i>SL7</i>
<i>52</i>	<i>SL8</i>
<i>8753</i>	<i>SL9</i>

} Monitoring Wells

Sample Collection:	<i>Ron Ehl</i>	Date <i>1-13-98</i>	Time
Transportation:			
Lab Acceptance:	<i>[Signature]</i>	<i>1/13/98</i>	<i>1417</i>