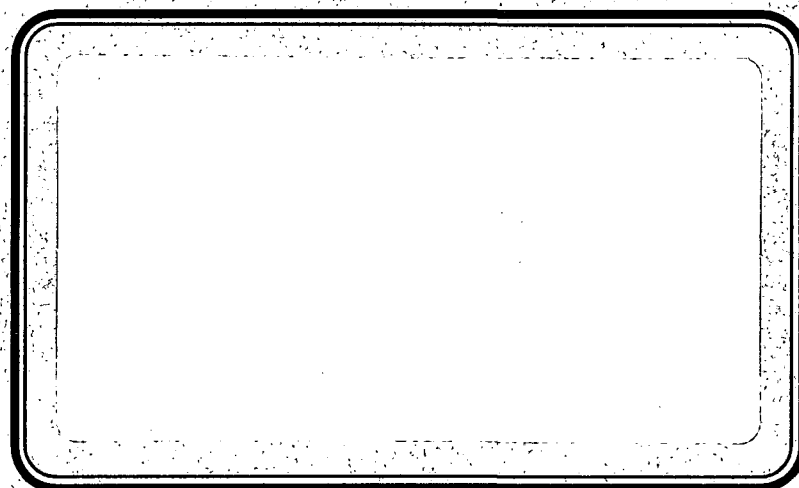




Central Testing Laboratory

Engineering and Materials Testing



LEESBURG • FLORAL CITY • OCALA

QUARTERLY GROUNDWATER
MONITORING

SUMTER COUNTY SOLID WASTE
MANAGEMENT FACILITY

SUMTER COUNTY, FLORIDA

4060C00092



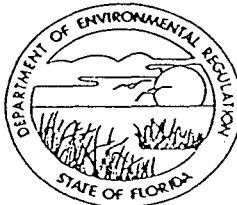
CENTRAL TESTING LABORATORY

LEESBURG, FLORIDA

DECEMBER 1997

9784002.400

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 December 15, 1997

DER PERMIT SF60-146475

Sumter County Class I Landfill
Installation Name

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

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

Method of Discharge Groundwater Slow Rate Infiltration

Type of Industry Landfill

Report for Period October 1, 1997 to December 31, 1997
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.

[Signature]
Owner or Authorized Representative's Signature

12-15-97
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 10-21-97
Well Type () Background
() Site Boundary
(x) Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.42 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	23.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	144	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0198	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000359	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.00158	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0144	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0536	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00289	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.02	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	3.26	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0705	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	3.33	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	4.40	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

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

(x) Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.42 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)

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(above MSL) 43.42 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	<0.010	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

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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

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Well Type () Background

() Site Boundary

(x) Intermediate

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Groundwater Elevation

(above MSL) 43.42 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
	ALUMINUM	GRAB	EPA 200.7	9.71	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	4.13	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	80.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0143	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 10-21-97
Well Type () Background
() Site Boundary
(x) Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.42 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	0.0536	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.778	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.52	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.31	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	258	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	52.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0244	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	22.0	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0149	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 10-21-97

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 43.72 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	23.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	517	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0143	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000327	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000160	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00142	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.002	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	7.87	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0284	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	7.89	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	31.1	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000130	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 10-21-97

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.72 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.

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

GMS# 406000092

Monitoring Well 4060A12055

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Sample Date 10-21-97

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Groundwater Elevation

(above MSL) 43.72 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) 43.72 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
	ALUMINUM	GRAB	EPA 200.7	0.153	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	13.2	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	20.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0211	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 10-21-97
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.72 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	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.123	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.71	ST. UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	19.5	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	228	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	6.80	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0198	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	2.8	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0143	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.

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 10-21-97

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.44 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	23.2	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	980	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00970	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000580	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00878	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	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	<0.02	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	8.63	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.116	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	8.74	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	41.3	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000120	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 10-21-97
Well Type () Background
(x) Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.44 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
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 4

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

(x) Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 43.44 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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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 10-21-97
Well Type () Background
(x) Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.44 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	.598	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	61.4	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0182	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 10-21-97
Well Type () Background
(x) Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.44 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	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	.193	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.82	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.46	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	444	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	4.90	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0210	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	19.1	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0299	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 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation
(above MSL) 43.71 ft.

3955

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	22.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	293	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00661	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000340	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00888	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00113	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.002	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	5.53	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0293	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.55	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	9.16	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

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.71 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 4060A12057
Well Name MONITOR WELL 6A
Classification of Groundwater G-II

Sample Date 10-21-97
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance

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

Groundwater Elevation
(above MSL) 43.71 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 4060A12057
Well Name MONITOR WELL 6A
Classification of Groundwater G-II

Sample Date 10-21-97
Well Type () Background
() Site Boundary
() Intermediate
(x) Compliance
Groundwater Elevation
(above MSL) 43.71 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	1.104	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	11.7	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	40.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00889	mg/l	UNFILTERED	HNO ₃

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

DER Form 17-1.216(2)

Effective January 1, 1983

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

GMS# 4060C00092

Monitoring Well 4060A12057

Well Name MONITOR WELL 6A

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.71 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.283	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.28	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.96	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	196	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	7.90	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0219	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	3.4	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.00944	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 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.81 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	23.2	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	382	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00768	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	0.000146	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000670	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0107	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00118	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.02	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	5.35	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0263	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.37	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	8.98	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 4060A14304

Well Name MONITOR WELL 7

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.81 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 4060A14304

Well Name MONITOR WELL 7

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.81 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

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.81 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	0.754	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	10.7	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	20.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0114	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 4060A14304

Well Name MONITOR WELL 7

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type () Background

() Site Boundary

() Intermediate

(x) Compliance

Groundwater Elevation

(above MSL) 43.81 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.262	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.22	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	1.03	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	208	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	32.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0233	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	2.8	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.00878	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 10-21-97
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 44.59 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	22.6	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	516	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.00506	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000170	mg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.00811	mg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	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	<0.02	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	2.06	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0362	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	2.09	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	<0.01	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	8.61	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 10-21-97

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 44.59 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

Monitoring Well 4060A17008

Well Name MONITOR WELL 8

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation

(above MSL) 44.59 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 4060A17008

Well Name MONITOR WELL 8

Classification of Groundwater G-II

Well Developed* Prior to

Sample Collection (Yes/No) YES

Sample Date 10-21-97

Well Type (x) Background

() Site Boundary

() Intermediate

() Compliance

Groundwater Elevation
(above MSL) 44.59 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	0.184	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	9.21	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	<5.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0173	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 4060A17008
Well Name MONITOR WELL 8
Classification of Groundwater G-II

Sample Date 10-21-97
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 44.59 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0615	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.11	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	1.10	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	248	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	1.50	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0347	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	1.3	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.00740	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

Sample Date 10-21-97
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance
Groundwater Elevation
(above MSL) 43.79 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	24.0	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	1254	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO ₃
	ARSENIC	GRAB	EPA 206.3	<0.006	mg/l	UNFILTERED	HNO ₃
	BARIUM	GRAB	EPA 200.7	0.0181	mg/l	UNFILTERED	HNO ₃
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO ₃
001027	CADMIUM	GRAB	EPA 200.7	0.000790	µg/l	UNFILTERED	HNO ₃
001034	CHROMIUM	GRAB	EPA 200.7	0.0250	µg/l	UNFILTERED	HNO ₃
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	<0.001	mg/l	UNFILTERED	HNO ₃
	MERCURY	GRAB	EPA 245.1	0.000259	mg/l	UNFILTERED	HNO ₃
	NICKEL	GRAB	EPA 200.7	<0.02	mg/l	UNFILTERED	HNO ₃
000620	NITRATE	GRAB	EPA 353.1	<0.01	mg/l	UNFILTERED	H ₂ SO ₄
	NITRITE	GRAB	EPA 354.1	0.0248	mg/l	UNFILTERED	H ₂ SO ₄
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.013	mg/l	UNFILTERED	H ₂ SO ₄
	SELENIUM	GRAB	EPA 270.3	0.0111	mg/l	UNFILTERED	HNO ₃
000929	SODIUM	GRAB	EPA 200.7	29.4	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	0.000232	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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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 10-21-97
Well Type (x) Background
() Site Boundary
() Intermediate
() Compliance

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

Groundwater Elevation
(above MSL) 43.79 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

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Groundwater Elevation

(above MSL) 43.79 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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Groundwater Elevation

(above MSL) 43.79 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	0.722	mg/l	UNFILTERED	HNO ₃
	CHLORIDE	GRAB	EPA 325.3	17.5	mg/l	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00658	mg/l	UNFILTERED	HNO ₃

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Sample Collection (Yes/No) YES

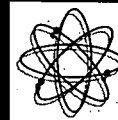
Groundwater Elevation
(above MSL) 43.79 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
	FLUORIDE	GRAB	EPA 340.1	<0.01	mg/l	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/l	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.999	mg/l	UNFILTERED	HNO ₃
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.80	ST.UN.	UNFILTERED	HNO ₃
	SILVER	GRAB	EPA 200.7	<0.007	mg/l	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	2.38	mg/l	UNFILTERED	HNO ₃
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	554	mg/l	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	12.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0117	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	13.9	pCi/l	UNFILTERED	HNO ₃
	MANGANESE	GRAB	EPA 200.7	0.0813	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 : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15718
Parameter	Unit	Method	%ACC	%PRC	
Detection Limit					
Arsenic	mg/L	0.00600	113.	2.31	<0.00600
Barium	mg/L	0.000700	88.9	.860	0.0198
Cadmium	mg/L	0.000100	98.3	10.8	0.00158
Chromium	mg/L	0.00700	93.8	1.40	0.0144
Cyanide	mg/L	0.00500			<0.00500
Fluoride	mg/L	0.0100	106.	.680	0.0536
Lead	mg/L	0.00100	83.3	2.47	0.00289
Mercury	mg/L	0.000200	117.	5.16	<0.000200
Nickel	mg/L	0.0200	90.3	.480	<0.0200
Nitrate(as N)	mg/L	0.0100	108.	21.1	3.26
Nitrite(as N)	mg/L	0.0100	92.9	7.63	0.0705
Selenium	mg/L	0.0100	105.	4.11	<0.0100
Sodium	mg/L	0.00100	99.5	1.19	4.40
Antimony	mg/L	0.00300	101.	4.75	<0.00300
Beryllium	mg/L	0.000100	94.6	1.20	0.000359
Thallium	mg/L	0.000100	93.4	4.79	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.0200	113.	8.21	9.71
Chloride	mg/L	0.0100	119.	3.19	4.13
Copper	mg/L	0.000200	78.5	1.24	0.0143
Fluoride	mg/L	0.0100			0.0536
Iron	mg/L	0.000200	97.5	17.3	0.778
Manganese	mg/L	0.0000400	97.1	6.81	0.0149
Silver	mg/L	0.00700	74.4	1.55	<0.00700
Sulfate	mg/L	1.00	84.2	.000	2.31
Zinc	mg/L	0.00400	112.	.780	0.0244

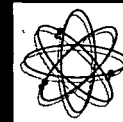
Data Release Authorization

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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Jefferson S. Flowers, Ph.D.
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ALTA MONTE SPRINGS
FLORIDA 32715-0597
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FAX: (407) 260-6110



CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15718
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			80.0
Odor (total odor num)	TON	1.00			<1.00
pH	pH	0.0100	100.	.300	7.46
TDS	mg/L	2.50	64.4	8.68	258.
Foaming_Agents	mg/L	0.100			<0.100
TTHM	mg/L	0.00100	105.	.310	<0.00100
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	91.2	.670	<0.500
Methylene chloride	ug/L	0.500	92.8	2.18	<0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21	<0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70	<0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82	<0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41	<0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59	<0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19	<0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00	<0.250
Trichloroethene	ug/L	0.500	108.	3.56	<0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19	<0.500
Tetrachloroethene	ug/L	0.500	115.	1.48	<0.500
Chlorobenzene	ug/L	0.500	114.	.720	<0.500
Benzene	ug/L	0.200	96.2	.540	<0.200
Toluene	ug/L	0.500	96.7	.650	<0.500
Ethylbenzene	ug/L	0.500	97.4	.770	<0.500

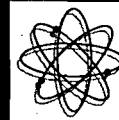
Data Release Authorization

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Methods of analysis in accordance with FCL QA and EPA approved methodology.
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CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSBW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15718
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	4.66
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP(Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

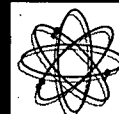
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Received From:
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL1

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

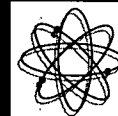
REPORT OF ANALYSIS

15718				
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Pentachlorophenol	ug/L	0.0400	104.	3.78
Total_PCB	ug/L	0.100		
Dibromochloropropane	ug/L	0.0100	113.	8.74
Ethylene dibromide	ug/L	0.0100	105.	2.93
Chlordane	ug/L	0.0100	91.6	2.44
Gross alpha	pCi/L	0.100		22.0
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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Date Reported : Nov20 1997

Project Number : Sumter Indfl.

PO Number : N/A

FDHRSW Number : 83139

NYSDOH Number : 11595

FDER COMQAPNum : 86-0008G

LDHH Number : 94-23

NCDEHNR Number : 296

SCDHEC Number : 96019

For: SL2

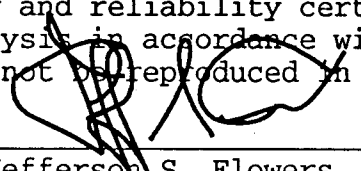
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

				15719
Parameter	Unit	Method	%ACC %PRC	
		Detection		
		Limit		
Arsenic	mg/L	0.00600	113. 2.31	<0.00600
Barium	mg/L	0.000700	88.9 .860	0.0143
Cadmium	mg/L	0.000100	98.3 10.8	0.000160
Chromium	mg/L	0.00700	93.8 1.40	<0.00700
Cyanide	mg/L	0.00500		<0.00500
Fluoride	mg/L	0.0100	106. .680	<0.0100
Lead	mg/L	0.00100	83.3 2.47	0.00142
Mercury	mg/L	0.000200	117. 5.16	<0.000200
Nickel	mg/L	0.0200	90.3 .480	<0.0200
Nitrate(as N)	mg/L	0.0100	108. 21.1	7.87
Nitrite(as N)	mg/L	0.0100	92.9 7.63	0.0284
Selenium	mg/L	0.0100	105. 4.11	<0.0100
Sodium	mg/L	0.00100	99.5 1.19	31.1
Antimony	mg/L	0.00300	101. 4.75	<0.00300
Beryllium	mg/L	0.000100	94.6 1.20	0.000327
Thallium	mg/L	0.000100	93.4 4.79	0.000130
Asbestos	MF/L	1.00		-
Aluminum	mg/L	0.0200	113. 8.21	0.153
Chloride	mg/L	0.0100	119. 3.19	13.2
Copper	mg/L	0.000200	78.5 1.24	0.0211
Fluoride	mg/L	0.0100		<0.0100
Iron	mg/L	0.000200	97.5 17.3	0.123
Manganese	mg/L	0.0000400	97.1 6.81	0.0143
Silver	mg/L	0.00700	74.4 1.55	<0.00700
Sulfate	mg/L	1.00	84.2 .000	19.5
Zinc	mg/L	0.00400	112. .780	0.0198

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

15719				
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.	.300 6.60
TDS	mg/L	2.50	64.4	8.68 228.
Foaming_Agents	mg/L	0.100		<0.100
TTHM	mg/L	0.00100	105.	.310 <0.00100
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	91.2	.670 <0.500
Methylene chloride	ug/L	0.500	92.8	2.18 <0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21 <0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70 <0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82 <0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41 <0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59 <0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19 <0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00 <0.250
Trichloroethene	ug/L	0.500	108.	3.56 <0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19 <0.500
Tetrachloroethene	ug/L	0.500	115.	1.48 <0.500
Chlorobenzene	ug/L	0.500	114.	.720 <0.500
Benzene	ug/L	0.200	96.2	.540 <0.200
Toluene	ug/L	0.500	96.7	.650 <0.500
Ethylbenzene	ug/L	0.500	97.4	.770 <0.500

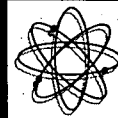
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Received From:
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15719
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

Data Release Authorization

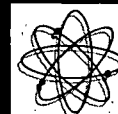
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL2

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

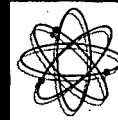
REPORT OF ANALYSIS

15719				
Parameter	Unit	Method	%ACC %PRC	
		Detection		
		Limit		
Pentachlorophenol	ug/L	0.0400	104. 3.78	<0.0400
Total_PCB	ug/L	0.100		<0.100
Dibromochloropropane	ug/L	0.0100	113. 8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105. 2.93	<0.0100
Chlordane	ug/L	0.0100	91.6 2.44	<0.0100
Gross alpha	pCi/L	0.100		2.80
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 : Nov20 1997

Project Number : Sumter Indfl.

PO Number : N/A

FDHRSW Number : 83139

NYSDOH Number : 11595

FDER COMQAPNum : 86-0008G

LDHH Number : 94-23

NCDEHNR Number : 296

SCDHEC Number : 96019

For: SL4

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

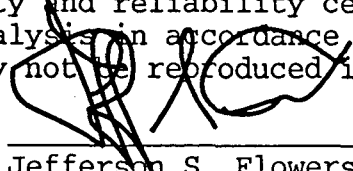
REPORT OF ANALYSIS

15720

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.00600	113.	2.31	<0.00600
Barium	mg/L	0.000700	88.9	.860	0.00970
Cadmium	mg/L	0.000100	98.3	10.8	0.000580
Chromium	mg/L	0.00700	93.8	1.40	0.00878
Cyanide	mg/L	0.00500			<0.00500
Fluoride	mg/L	0.0100	106.	.680	<0.0100
Lead	mg/L	0.00100	83.3	2.47	<0.00100
Mercury	mg/L	0.000200	117.	5.16	<0.000200
Nickel	mg/L	0.0200	90.3	.480	<0.0200
Nitrate(as N)	mg/L	0.0100	108.	21.1	8.63
Nitrite(as N)	mg/L	0.0100	92.9	7.63	0.116
Selenium	mg/L	0.0100	105.	4.11	<0.0100
Sodium	mg/L	0.00100	99.5	1.19	41.3
Antimony	mg/L	0.00300	101.	4.75	<0.00300
Beryllium	mg/L	0.000100	94.6	1.20	<0.000100
Thallium	mg/L	0.000100	93.4	4.79	0.000120
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.0200	113.	8.21	0.598
Chloride	mg/L	0.0100	119.	3.19	61.4
Copper	mg/L	0.000200	78.5	1.24	0.0182
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	97.5	17.3	0.193
Manganese	mg/L	0.0000400	97.1	6.81	0.0299
Silver	mg/L	0.00700	74.4	1.55	<0.00700
Sulfate	mg/L	1.00	84.2	.000	3.46
Zinc	mg/L	0.00400	112.	.780	0.0210

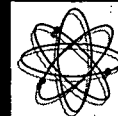
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

		15720		
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.	.300 7.11
TDS	mg/L	2.50	64.4	8.68 444.
Foaming_Agents	mg/L	0.100		<0.100
TTHM	mg/L	0.00100	105.	.310 <0.00100
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	91.2	.670 <0.500
Methylene chloride	ug/L	0.500	92.8	2.18 <0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21 <0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70 <0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82 <0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41 <0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59 <0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19 <0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00 <0.250
Trichloroethene	ug/L	0.500	108.	3.56 <0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19 <0.500
Tetrachloroethene	ug/L	0.500	115.	1.48 <0.500
Chlorobenzene	ug/L	0.500	114.	.720 <0.500
Benzene	ug/L	0.200	96.2	.540 <0.200
Toluene	ug/L	0.500	96.7	.650 <0.500
Ethylbenzene	ug/L	0.500	97.4	.770 <0.500

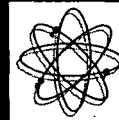
Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
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CHEMICAL
LABORATORIES
INCORPORATED

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

		15720			
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxyde	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL4

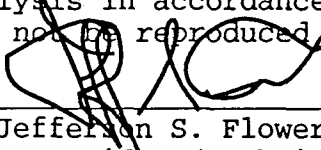
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

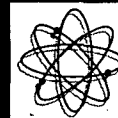
REPORT OF ANALYSIS

15720				
Parameter	Unit	Method	%ACC %PRC	
		Detection		
		Limit		
Pentachlorophenol	ug/L	0.0400	104. 3.78	<0.0400
Total_PCB	ug/L	0.100		<0.100
Dibromochloropropane	ug/L	0.0100	113. 8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105. 2.93	<0.0100
Chlordane	ug/L	0.0100	91.6 2.44	<0.0100
Gross alpha	pCi/L	0.100		19.1
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		-

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Date Reported : Nov20 1997

Project Number : Sumter Indfl.

PO Number : N/A

FDHRSW Number : 83139

NYSDOH Number : 11595

FDER COMQAPNum : 86-0008G

LDHH Number : 94-23

NCDEHNR Number : 296

SCDHEC Number : 96019

For: SL6A

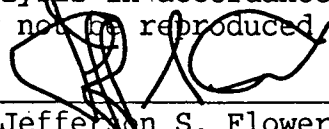
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15721
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.00600	113.	2.31	<0.00600
Barium	mg/L	0.000700	88.9	.860	0.00661
Cadmium	mg/L	0.000100	98.3	10.8	0.000340
Chromium	mg/L	0.00700	93.8	1.40	0.00888
Cyanide	mg/L	0.00500			<0.00500
Fluoride	mg/L	0.0100	106.	.680	<0.0100
Lead	mg/L	0.00100	83.3	2.47	0.00113
Mercury	mg/L	0.000200	117.	5.16	<0.000200
Nickel	mg/L	0.0200	90.3	.480	<0.0200
Nitrate(as N)	mg/L	0.0100	108.	21.1	5.53
Nitrite(as N)	mg/L	0.0100	92.9	7.63	0.0293
Selenium	mg/L	0.0100	105.	4.11	<0.0100
Sodium	mg/L	0.00100	99.5	1.19	9.16
Antimony	mg/L	0.00300	101.	4.75	<0.00300
Beryllium	mg/L	0.000100	94.6	1.20	<0.000100
Thallium	mg/L	0.000100	93.4	4.79	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.0200	113.	8.21	1.10
Chloride	mg/L	0.0100	119.	3.19	11.7
Copper	mg/L	0.000200	78.5	1.24	0.00889
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	97.5	17.3	0.283
Manganese	mg/L	0.0000400	97.1	6.81	0.00944
Silver	mg/L	0.00700	74.4	1.55	<0.00700
Sulfate	mg/L	1.00	84.2	.000	2.96
Zinc	mg/L	0.00400	112.	.780	0.0219

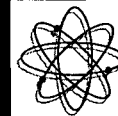
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Floral City, FL 34436

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

		15721		
Parameter	Unit	Method	%ACC	%PRC
		Detection		
		Limit		
Color (color units)	PCU	5.00		40.0
Odor (total odor num)	TON	1.00		<1.00
pH	pH	0.0100	100.	300 7.77
TDS	mg/L	2.50	64.4	8.68 196.
Foaming_Agents	mg/L	0.100		<0.100
TTHM	mg/L	0.00100	105.	.310 <0.00100
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	91.2	.670 <0.500
Methylene chloride	ug/L	0.500	92.8	2.18 <0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21 <0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70 <0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82 <0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41 <0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59 <0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19 <0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00 <0.250
Trichloroethene	ug/L	0.500	108.	3.56 <0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19 <0.500
Tetrachloroethene	ug/L	0.500	115.	1.48 <0.500
Chlorobenzene	ug/L	0.500	114.	.720 <0.500
Benzene	ug/L	0.200	96.2	.540 <0.200
Toluene	ug/L	0.500	96.7	.650 <0.500
Ethylbenzene	ug/L	0.500	97.4	.770 <0.500

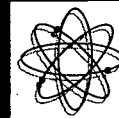
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Received From:
Cent. Testing Lab
PO Box 883
FloralCity, FL 34436

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724
REPORT OF ANALYSIS

					15721
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

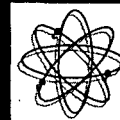
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL6A

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

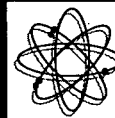
REPORT OF ANALYSIS

					15721
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	104.	3.78	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	113.	8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105.	2.93	<0.0100
Chlordane	ug/L	0.0100	91.6	2.44	<0.0100
Gross alpha	pCi/L	0.100			3.40
Analysis Error	pCi/L	0.100			0.500
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 : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSBW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

				15722
Parameter	Unit	Method	%ACC %PRC	
		Detection		
		Limit		
Arsenic	mg/L	0.00600	113. 2.31	<0.00600
Barium	mg/L	0.000700	88.9 .860	0.00768
Cadmium	mg/L	0.000100	98.3 10.8	0.000670
Chromium	mg/L	0.00700	93.8 1.40	0.0107
Cyanide	mg/L	0.00500		<0.00500
Fluoride	mg/L	0.0100	106. .680	<0.0100
Lead	mg/L	0.00100	83.3 2.47	0.00118
Mercury	mg/L	0.000200	117. 5.16	<0.000200
Nickel	mg/L	0.0200	90.3 .480	<0.0200
Nitrate(as N)	mg/L	0.0100	108. 21.1	5.35
Nitrite(as N)	mg/L	0.0100	92.9 7.63	0.0263
Selenium	mg/L	0.0100	105. 4.11	<0.0100
Sodium	mg/L	0.00100	99.5 1.19	8.98
Antimony	mg/L	0.00300	101. 4.75	<0.00300
Beryllium	mg/L	0.000100	94.6 1.20	0.000146
Thallium	mg/L	0.000100	93.4 4.79	<0.000100
Asbestos	MF/L	1.00		-
Aluminum	mg/L	0.0200	113. 8.21	0.754
Chloride	mg/L	0.0100	119. 3.19	10.7
Copper	mg/L	0.000200	78.5 1.24	0.0114
Fluoride	mg/L	0.0100		<0.0100
Iron	mg/L	0.000200	97.5 17.3	0.262
Manganese	mg/L	0.0000400	97.1 6.81	0.00878
Silver	mg/L	0.00700	74.4 1.55	<0.00700
Sulfate	mg/L	1.00	84.2 .000	1.03
Zinc	mg/L	0.00400	112. .780	0.0233

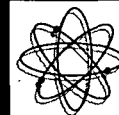
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

		15722		
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.	.300 7.61
TDS	mg/L	2.50	64.4	8.68 208.
Foaming_Agents	mg/L	0.100		<0.100
TTHM	mg/L	0.00100	105.	.310 <0.00100
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	91.2	.670 <0.500
Methylene chloride	ug/L	0.500	92.8	2.18 <0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21 <0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780 <0.500
Vinyl chloride	ug/L	0.500		<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70 <0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82 <0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41 <0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59 <0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19 <0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00 <0.250
Trichloroethene	ug/L	0.500	108.	3.56 <0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19 <0.500
Tetrachloroethene	ug/L	0.500	115.	1.48 <0.500
Chlorobenzene	ug/L	0.500	114.	.720 <0.500
Benzene	ug/L	0.200	96.2	.540 <0.200
Toluene	ug/L	0.500	96.7	.650 <0.500
Ethylbenzene	ug/L	0.500	97.4	.770 <0.500

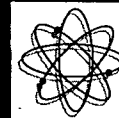
Data Release Authorization

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Methods of analysis in accordance with FCL QA and EPA approved methodology.
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LABORATORIES
INCORPORATED

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15722
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxyde	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

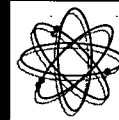
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Date Reported : Nov20 1997
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PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL7

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

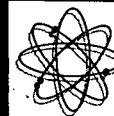
REPORT OF ANALYSIS

					15722
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	104.	3.78	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	113.	8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105.	2.93	<0.0100
Chlordane	ug/L	0.0100	91.6	2.44	<0.0100
Gross alpha	pCi/L	0.100			2.80
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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Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15723
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.00600	113.	2.31	<0.00600
Barium	mg/L	0.000700	88.9	.860	0.00506
Cadmium	mg/L	0.000100	98.3	10.8	0.000170
Chromium	mg/L	0.00700	93.8	1.40	0.00811
Cyanide	mg/L	0.00500			<0.00500
Fluoride	mg/L	0.0100	106.	.680	<0.0100
Lead	mg/L	0.00100	83.3	2.47	<0.00100
Mercury	mg/L	0.000200	117.	5.16	<0.000200
Nickel	mg/L	0.0200	90.3	.480	<0.0200
Nitrate(as N)	mg/L	0.0100	108.	21.1	2.06
Nitrite(as N)	mg/L	0.0100	92.9	7.63	0.0362
Selenium	mg/L	0.0100	105.	4.11	<0.0100
Sodium	mg/L	0.00100	99.5	1.19	8.61
Antimony	mg/L	0.00300	101.	4.75	<0.00300
Beryllium	mg/L	0.000100	94.6	1.20	<0.000100
Thallium	mg/L	0.000100	93.4	4.79	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.0200	113.	8.21	0.184
Chloride	mg/L	0.0100	119.	3.19	9.21
Copper	mg/L	0.000200	78.5	1.24	0.0173
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	97.5	17.3	0.0615
Manganese	mg/L	0.0000400	97.1	6.81	0.00740
Silver	mg/L	0.00700	74.4	1.55	<0.00700
Sulfate	mg/L	1.00	84.2	.000	1.10
Zinc	mg/L	0.00400	112.	.780	0.0347

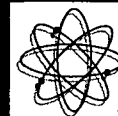
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Received From:
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

15723

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			<5.00
Odor (total odor num)	TON	1.00			<1.00
pH	pH	0.0100	100.	.300	7.24
TDS	mg/L	2.50	64.4	8.68	248.
Foaming_Agents	mg/L	0.100			<0.100
TTHM	mg/L	0.00100	105.	.310	<0.00100
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	91.2	.670	<0.500
Methylene chloride	ug/L	0.500	92.8	2.18	<0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21	<0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70	<0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82	<0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41	<0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59	<0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19	<0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00	<0.250
Trichloroethene	ug/L	0.500	108.	3.56	<0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19	<0.500
Tetrachloroethene	ug/L	0.500	115.	1.48	<0.500
Chlorobenzene	ug/L	0.500	114.	.720	<0.500
Benzene	ug/L	0.200	96.2	.540	<0.200
Toluene	ug/L	0.500	96.7	.650	<0.500
Ethylbenzene	ug/L	0.500	97.4	.770	<0.500

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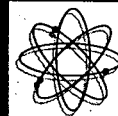
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAP Num : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15723
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

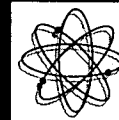
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL8

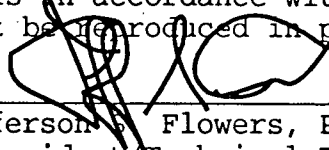
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

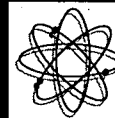
REPORT OF ANALYSIS

					15723
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	104.	3.78	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	113.	8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105.	2.93	<0.0100
Chlordane	ug/L	0.0100	91.6	2.44	<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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PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724
REPORT OF ANALYSIS

					15724
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.00600	113.	2.31	<0.00600
Barium	mg/L	0.000700	88.9	.860	0.0181
Cadmium	mg/L	0.000100	98.3	10.8	0.000790
Chromium	mg/L	0.00700	93.8	1.40	0.0250
Cyanide	mg/L	0.00500			<0.00500
Fluoride	mg/L	0.0100	106.	.680	<0.0100
Lead	mg/L	0.00100	83.3	2.47	<0.00100
Mercury	mg/L	0.000200	117.	5.16	0.000259
Nickel	mg/L	0.0200	90.3	.480	<0.0200
Nitrate(as N)	mg/L	0.0100	108.	21.1	<0.0100
Nitrite(as N)	mg/L	0.0100	92.9	7.63	0.0248
Selenium	mg/L	0.0100	105.	4.11	0.0111
Sodium	mg/L	0.00100	99.5	1.19	29.4
Antimony	mg/L	0.00300	101.	4.75	<0.00300
Beryllium	mg/L	0.000100	94.6	1.20	<0.000100
Thallium	mg/L	0.000100	93.4	4.79	0.000232
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.0200	113.	8.21	0.722
Chloride	mg/L	0.0100	119.	3.19	17.5
Copper	mg/L	0.000200	78.5	1.24	0.00658
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	97.5	17.3	0.999
Manganese	mg/L	0.0000400	97.1	6.81	0.0813
Silver	mg/L	0.00700	74.4	1.55	<0.00700
Sulfate	mg/L	1.00	84.2	.000	2.38
Zinc	mg/L	0.00400	112.	.780	0.0117

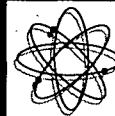
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PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

		15724			
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.	.300	6.52
TDS	mg/L	2.50	64.4	8.68	554.
Foaming_Agents	mg/L	0.100			<0.100
TTHM	mg/L	0.00100	105.	.310	<0.00100
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	91.2	.670	<0.500
Methylene chloride	ug/L	0.500	92.8	2.18	<0.500
o-dichlorobenzene	ug/L	0.500	108.	2.21	<0.500
Para-dichlorobenzene	ug/L	0.500	116.	.780	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	98.6	1.70	<0.500
t-1,2-dichloroethene	ug/L	0.500	97.6	1.82	<0.500
1,2-dichloroethane	ug/L	0.300	104.	3.41	<0.300
1,1,1-trichloroethan	ug/L	0.500	104.	3.59	<0.500
Carbon tetrachloride	ug/L	0.500	106.	4.19	<0.500
1,2-dichloropropane	ug/L	0.250	103.	3.00	<0.250
Trichloroethene	ug/L	0.500	108.	3.56	<0.500
1,1,2-trichloroethan	ug/L	0.500	110.	1.19	<0.500
Tetrachloroethene	ug/L	0.500	115.	1.48	<0.500
Chlorobenzene	ug/L	0.500	114.	.720	<0.500
Benzene	ug/L	0.200	96.2	.540	<0.200
Toluene	ug/L	0.500	96.7	.650	<0.500
Ethylbenzene	ug/L	0.500	97.4	.770	<0.500

Data Release Authorization

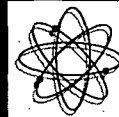
Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
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Jefferson S. Flowers, Ph.D.

President/Technical Director

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CHEMICAL
LABORATORIES
INCORPORATED

Received From:

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

Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

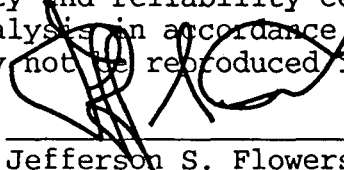
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15724
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	92.0	6.68	<0.00100
Lindane	ug/L	0.00100	96.9	8.67	<0.00100
Methoxychlor	ug/L	0.0100	92.9	9.81	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	103.	2.09	<0.00100
Diquat	ug/L	0.400	77.3	4.05	<0.400
Endothall	ug/L	9.00	98.8	8.64	<9.00
Glyphosate	ug/L	6.00	91.7	2.46	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	65.0	.620	<0.600
Oxamyl (Vydate)	ug/L	2.00	93.3	3.41	<2.00
Simazine	ug/L	0.0700	88.7	.760	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	65.3	2.24	<0.600
Picloram	ug/L	0.0700	109.	3.01	<0.0700
Dinoseb	ug/L	0.0100	95.0	1.69	<0.0100
Hexachlorocyclopenta	ug/L	0.100	91.5	1.58	<0.100
Carbofuran	ug/L	0.900	93.3	2.65	<0.900
Atrazine	ug/L	0.100	95.3	5.02	<0.100
Alachlor (Lasso)	ug/L	0.200	93.3	7.95	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	89.3	4.67	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	94.3	1.57	<0.00500
2,4-D	ug/L	0.0500	106.	7.98	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	103.	4.08	<0.0200
Hexachlorobenzene	ug/L	0.100	91.1	6.73	<0.100
Benzo(a)pyrene	ug/L	0.0200	91.6	2.95	<0.0200

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CHEMICAL
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Received From:

Cent. Testing Lab
PO Box 883
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Date Reported : Nov20 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRS DW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: SL9

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 15718-15724

REPORT OF ANALYSIS

					15724
Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	104.	3.78	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	113.	8.74	<0.0100
Ethylene dibromide	ug/L	0.0100	105.	2.93	<0.0100
Chlordane	ug/L	0.0100	91.6	2.44	<0.0100
Gross alpha	pCi/L	0.100			13.9
Analysis Error	pCi/L	0.100			2.40
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			-

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

1199	FLOWERS CHEMICAL LABORATORIES																			
ANALYTICAL RESULTS FORM										HRS Number 83139										
Parameter	Symbol	Unit	SL1	SL2	SL4	SL6A	SL7	SL8	SL9					QA	Section					
			15718	15719	15720	15721	15722	15723	15724					Method	MDL	%RSD	%Rec	Analys	Date	
Arsenic	*	mg/L	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006					EPA200.8	0.006	2.3186613	113	LSM	10-22-97	
Barium	*	mg/L	0.0198	0.0143	0.00970	0.00661	0.00768	0.00506	0.0181					EPA200.8	0.0007	0.8633714	88.9	LSM	10-22-97	
Cadmium	*	mg/L	0.00158	0.000160	0.000580	0.000340	0.000670	0.000170	0.000790					SM3113B	0.0001	10.828701	98.333333	EVB	10-22-97	
Chromium	*	mg/L	0.0144	<0.007	0.00878	0.00888	0.0107	0.00811	0.0250					EPA200.8	0.007	1.4039488	93.8	LSM	10-22-97	
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005					SM4500-C	0.005			DLB	10-23-97	
Fluoride	*	mg/L	0.0536	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					SM4500F	0.01	0.6833635	106.6	JHW	10-28-97	
Lead	*	mg/L	0.00289	0.00142	<0.001	0.00113	0.00118	<0.001	<0.001					EPA200.8	0.001	2.4776606	83.3	LSM	10-22-97	
Mercury	*	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.000259					EPA245.1	0.0002	5.1636991	117.46115	EVB	10-29-97	
Nickel	*	mg/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02					EPA200.8	0.02	0.4886558	90.3	LSM	10-22-97	
Nitrate(as N)	*	mg/L	3.26	7.87	8.63	5.53	5.35	2.06	<0.01					EPA353.2	0.01	21.130507	108.58910	YGS	10-23-97	
Nitrite(as N)	*	mg/L	0.0705	0.0284	0.116	0.0293	0.0263	0.0362	0.0248					EPA353.2	0.01	7.6391035	92.991546	AH	10-22-97	
Selenium	*	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0111					EPA200.8	0.01	4.1160732	105	LSM	10-22-97	
Sodium	*	mg/L	4.40	31.1	41.3	9.16	8.98	8.61	29.4					EPA200.7	0.001	1.1943730	99.55	EVB	10-24-97	
Antimony	*	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003					SM3113B	0.003	4.7592749	101.2	EVB	10-30-97	
Beryllium	*	mg/L	0.000359	0.000327	<0.0001	<0.0001	0.000146	<0.0001	<0.0001					EPA200.8	0.0001	1.2078136	94.6	LSM	10-22-97	
Thallium	*	mg/L	<0.0001	0.000130	0.000120	<0.0001	<0.0001	<0.0001	0.000232					EPA200.8	0.0001	4.7935103	93.4	LSM	10-22-97	
Asbestos	*	MF/L												TEM	1					
Aluminum	*	mg/L	9.71	0.153	0.598	1.104	0.754	0.184	0.722					EPA200.8	0.02	8.2147791	113	LSM	11-04-97	
Chloride	*	mg/L	4.13	13.2	61.4	11.7	10.7	9.21	17.5					SM4500C	0.01	3.1960490	119.56305	AH	10-27-97	
Copper	*	mg/L	0.0143	0.0211	0.0182	0.00889	0.0114	0.0173	0.00658					EPA200.8	0.0002	1.2424394	78.57	LSM	10-22-97	
Fluoride	*	mg/L	0.0536	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					SM4500F	0.01			JHW	10-28-97	
Iron	*	mg/L	0.778	0.123	0.193	0.283	0.262	0.0615	0.999					EPA200.7	0.0002	17.387039	97.5	EVB	10-24-97	
Manganese	*	mg/L	0.0149	0.0143	0.0299	0.00944	0.00878	0.00740	0.0813					EPA200.7	0.00004	6.8175680	97.1	EVB	10-24-97	
Silver	*	mg/L	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007					EPA200.8	0.007	1.5599220	74.4	LSM	10-22-97	
Sulfate	*	mg/L	2.31	19.5	3.46	2.96	1.03	1.10	2.38					EPA375.4	1	0	84.216323	DLB	11-05-97	
Zinc	*	mg/L	0.0244	0.0198	0.0210	0.0219	0.0233	0.0347	0.0117					EPA200.8	0.004	0.7666273	112	LSM	10-22-97	
Color (color units)	*	PCU	80.0	20.0	10.0	40.0	20.0	<5	10.0					SM2120B	5			DLB	10-21-97	
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1					SM2150B	1			DLB	10-21-97	
pH (units)	*	pH	7.46	6.60	7.11	7.77	7.61	7.24	6.52					EPA150.1	0.01	0.3002677	100.08571	JHW	10-21-97	
Total Dissolved Solids	*	mg/L	258	228	444	196	208	248	554					SM2540C	2.5	8.6894880	64.499999	TRB	10-24-97	
Foaming Agents	*	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					SM5540C	0.1			DLB	10-21-97	
TTHM	*	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					EPA502.2	0.001	0.313	105	DO	10-22-97	
1,2,4-trichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5			DO	10-22-97	
cis-1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5			DO	10-22-97	
Xylene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	0.675	91.2	DO	10-22-97	
Methylene chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	2.18	92.8	DO	10-22-97	
o-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	2.21	108	DO	10-22-97	
Para-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	0.786	116	DO	10-22-97	
Vinyl chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5			DO	10-22-97	
1,1-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	1.7	98.6	DO	10-22-97	
t-1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	1.82	97.6	DO	10-22-97	
1,2-dichloroethane	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3					EPA502.2	0.3	3.41	104	DO	10-22-97	
1,1,1-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	3.59	104	DO	10-22-97	
Carbon tetrachloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	4.19	106	DO	10-22-97	
1,2-dichloropropane	*	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25					EPA502.2	0.25	3	103	DO	10-22-97	
Trichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	3.56	108	DO	10-22-97	
1,1,2-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	1.19	110	DO	10-22-97	
Tetrachloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	1.48	115	DO	10-22-97	
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	0.721	114	DO	10-22-97	
Benzene	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2					EPA502.2	0.2	0.549	96.2	DO	10-22-97	

Toluene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	0.654	96.7	DO	10-22-97
Ethylbenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5	0.772	97.4	DO	10-22-97
Styrene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					EPA502.2	0.5			DO	10-22-97
Endrin	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					EPA505	0.001	6.68	92	RAK	10-24-97
Lindane	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					EPA505	0.001	8.67	96.9	RAK	10-24-97
Methoxychlor	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					EPA505	0.01	9.81	92.9	RAK	10-24-97
Toxaphene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					EPA505	0.1			RAK	10-24-97
Dalapon	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					EPA515.1	0.001	2.09	103	RAK	11-04-97
Diquat	*	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4					EPA549	0.4	4.0569955	77.379604	FG	11-18-97
Endothal	*	ug/L	<9	<9	<9	<9	<9	<9	<9					EPA548	9	8.6419625	98.81	CLS	11-11-97
Glyphosate	*	ug/L	<6	<6	<6	<6	<6	<6	<6					EPA547	6	2.4618927	91.750580	FG	11-09-97
DI(2-ethylhexyl) adipate	*	ug/L	4.66	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6					EPA525.1	0.6	0.62	65	CLS	10-22-97
Oxamyl (Vydate)	*	ug/L	<2	<2	<2	<2	<2	<2	<2					EPA531.1	2	3.41	93.3	FG	11-14-97
Simazine	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07					EPA505	0.07	0.76	88.7	RAK	10-24-97
Bis(2-ethylhexyl) phthalate	*	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6					EPA525.1	0.6	2.24	65.3	CLS	10-22-97
Picloram	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07					EPA515.1	0.07	3.01	109	RAK	11-04-97
Dinoseb	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					EPA515.1	0.01	1.69	95	RAK	11-04-97
Hexachlorocyclopentadiene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					EPA505	0.1	1.58	91.5	RAK	10-24-97
Carbofuran	*	ug/L	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9					EPA531	0.9	2.65	93.3	FG	11-14-97
Atrazine	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					EPA505	0.1	5.02	95.3	RAK	10-24-97
Alachlor (Lasso)	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2					EPA505	0.2	7.95	93.3	RAK	10-24-97
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	4.67	89.3	RAK	10-24-97
Heptachlor Epoxide	*	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005					EPA505	0.005	1.57	94.3	RAK	10-24-97
2,4-D	*	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05					EPA515.1	0.05	7.98	106	RAK	11-04-97
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	4.08	103	RAK	11-04-97
Hexachlorobenzene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					EPA505	0.1	6.73	91.1	RAK	10-24-97
Benzo(a)pyrene	*	ug/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02					EPA550	0.02	2.95	91.6	FG	11-04-97
Pentachlorophenol	*	ug/L	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04					EPA515.1	0.04	3.78	104	RAK	11-04-97
Total PCB	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1					EPA505	0.1			RAK	10-24-97
Dibromochloropropane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					EPA504	0.01	8.7491514	113.30253	RAK	11-03-97
Ethylene dibromide	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					EPA504	0.01	2.9300726	105.53389	RAK	11-03-97
Chlordane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					EPA505	0.01	2.44	91.6	RAK	10-24-97
Gross alpha	*	pCi/L	22	2.8	19.1	3.4	2.8	1.3	13.9					EPA900	0.1			PL	10-28-97
Analysis Error(Ga)	*	pCi/L	1	0.7	2	0.5	0.7	0.7	2.4					EPA900	0.1			PL	10-28-97
Photon emitters	*	pCi/L												-	0.1				
Analysis Error(Photon)	*	pCi/L												-	0.1				
Radium-226	*	pCi/L	-	-	-	-	-	-	-					EPA903.1	0.1			PL	10-28-97
Analysis Error(226)	*	pCi/L	-	-	-	-	-	-	-					EPA903.1	0.1			PL	10-28-97
Radium-228	*	pCi/L	-	-	-	-	-	-	-					EPA904	0.3			PL	10-28-97
Analysis Error(228)	*	pCi/L	-	-	-	-	-	-	-					EPA904	0.3			PL	10-28-97
Man-made beta & photon	*	pCi/L	-	-	-	-	-	-	-					EPA900	0.1			PL	10-28-97
Analysis Error(beta & phc)	*	pCi/L	-	-	-	-	-	-	-					EPA900	0.1			PL	10-28-97

Date Received: 10-21-97

Typed:

11-20-97

Sent:

11-20-97

Project Number Sumter Indfl.
 PO Number N/A
 Date Sampled 1 10-21-97 *
 Date Analyzed 0
 Compacted 1
 Format NormRR
 Unit Cost Extd
 PPCB93 47500 7 *
 VOC93 6500 7 *
 Secs93 8500 7 *

Inorg.	9500	7 *
GA	4000	7 *
THM	3000	7 *

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1002	Aluminum	15718	9.71	EPA200.8	0.02	0.2	11/4/1997
1028	Iron	15718	0.778	EPA200.7	0.0002	0.3	10/24/1997
1905	Color (color units)	15718	80.0	SM2120B	5	15	10/21/1997
4000	Gross alpha	15718	22.0	EPA900	0.1		510/28/1997

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15718

Date Sample(s) Recieved: 10/21/97

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

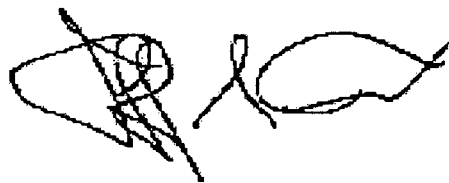
☐ All 11 ☐ Partial

☒ 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: 11/20/97

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	15718	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15718	0.0198	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15718	0.00158	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15718	0.0144	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15718	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15718	0.0536	SM4500F C	0.01	4	10-28-97
1030 Lead	15718	0.00289	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15718	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15718	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15718	3.26	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15718	0.0705	EPA353.2	0.01	1	10-22-97
1045 Selenium	15718	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15718	4.40	EPA200.7	0.001	160	10-24-97
1074 Antimony	15718	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15718	0.000359	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15718	<0.0001	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15718		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	15718	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15718	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15718	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15718	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15718	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15718	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15718	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15718	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15718	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15718	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15718	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15718	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15718	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15718	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15718	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15718	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15718	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15718	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15718	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15718	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15718	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15718	<0.5	EPA502.2	0.5	100	10-22-97

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	15718	9.71	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15718	4.13	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15718	0.0143	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15718	0.0536	SM4500F C	0.01	2	10-28-97
1028 Iron	15718	0.778	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15718	0.0149	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15718	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15718	2.31	EPA375.4	1	250	11-05-97
1095 Zinc	15718	0.0244	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15718	80.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15718	<1	SM2150B	1	3	10-21-97
1925 pH	15718	7.46	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15718	258	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15718	<0.1	SM5540C	0.1	0.5	10-21-97

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	15718	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15718	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15718	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15718	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15718	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15718	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15718	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15718	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15718	4.66	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15718	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15718	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15718	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15718	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15718	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15718	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15718	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15718	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15718	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15718		EPA625	0.01	0.00003	
2065 Heptachlor	15718	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15718	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15718	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15718	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15718	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15718	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15718	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15718	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15718	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15718	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15718	<0.01	EPA505	0.01	2	10-24-97

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	15718	22.0	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15718	1.00	EPA900	0.1		10-28-97
4012 Photon emitters	15718		-	0.1		
4012 Analysis_Error(Photon)	15718		-	0.1		
4020 Radium-226	15718		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15718		EPA903.1	0.1		10-28-97
4030 Radium-228	15718		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15718		EPA904	0.3		10-28-97
4101 Man-made beta	15718		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15718		EPA900	0.1		10-28-97

DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

PRIMARY/SECONDARY

1905	Color (color units)	15719	20.0	SM2120B	5	15	10/21/1997
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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 Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15719

Date Sample(s) Recieved: 10/21/97

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: 11/20/97

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	15719	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15719	0.0143	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15719	0.000160	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15719	<0.007	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15719	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15719	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15719	0.00142	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15719	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15719	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15719	7.87	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15719	0.0284	EPA353.2	0.01	1	10-22-97
1045 Selenium	15719	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15719	31.1	EPA200.7	0.001	160	10-24-97
1074 Antimony	15719	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15719	0.000327	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15719	0.000130	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15719		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	15719	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15719	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15719	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15719	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15719	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15719	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15719	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15719	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15719	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15719	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15719	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15719	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15719	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15719	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15719	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15719	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15719	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15719	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15719	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15719	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15719	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15719	<0.5	EPA502.2	0.5	100	10-22-97

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	15719	0.153	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15719	13.2	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15719	0.0211	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15719	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15719	0.123	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15719	0.0143	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15719	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15719	19.5	EPA375.4	1	250	11-05-97
1095 Zinc	15719	0.0198	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15719	20.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15719	<1	SM2150B	1	3	10-21-97
1925 pH	15719	6.60	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15719	228	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15719	<0.1	SM5540C	0.1	0.5	10-21-97

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	15719	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15719	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15719	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15719	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15719	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15719	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15719	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15719	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15719	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15719	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15719	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15719	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15719	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15719	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15719	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15719	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15719	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15719	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15719		EPA625	0.01	0.00003	
2065 Heptachlor	15719	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15719	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15719	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15719	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15719	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15719	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15719	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15719	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15719	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15719	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15719	<0.01	EPA505	0.01	2	10-24-97

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	15719	2.80	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15719	0.700	EPA900	0.1		10-28-97
4012 Photon emitters	15719		-	0.1		
4012 Analysis_Error(Photon)	15719		-	0.1		
4020 Radium-226	15719		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15719		EPA903.1	0.1		10-28-97
4030 Radium-228	15719		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15719		EPA904	0.3		10-28-97
4101 Man-made beta	15719		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15719		EPA900	0.1		10-28-97

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	15720	0.598	EPA200.8	0.02	0.2	11/4/1997
4000	Gross alpha	15720	19.1	EPA900	0.1		510/28/1997

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15720

Date Sample(s) Recieved: 10/21/97

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: 11/20/97

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	15720	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15720	0.00970	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15720	0.000580	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15720	0.00878	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15720	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15720	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15720	<0.001	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15720	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15720	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15720	8.63	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15720	0.116	EPA353.2	0.01	1	10-22-97
1045 Selenium	15720	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15720	41.3	EPA200.7	0.001	160	10-24-97
1074 Antimony	15720	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15720	<0.0001	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15720	0.000120	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15720		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	15720	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15720	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15720	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15720	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15720	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15720	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15720	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15720	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15720	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15720	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15720	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15720	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15720	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15720	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15720	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15720	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15720	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15720	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15720	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15720	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15720	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15720	<0.5	EPA502.2	0.5	100	10-22-97

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	15720	0.598	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15720	61.4	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15720	0.0182	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15720	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15720	0.193	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15720	0.0299	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15720	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15720	3.46	EPA375.4	1	250	11-05-97
1095 Zinc	15720	0.0210	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15720	10.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15720	<1	SM2150B	1	3	10-21-97
1925 pH	15720	7.11	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15720	444	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15720	<0.1	SM5540C	0.1	0.5	10-21-97

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	15720	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15720	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15720	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15720	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15720	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15720	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15720	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15720	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15720	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15720	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15720	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15720	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15720	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15720	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15720	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15720	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15720	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15720	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15720		EPA625	0.01	0.00003	
2065 Heptachlor	15720	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15720	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15720	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15720	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15720	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15720	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15720	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15720	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15720	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15720	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15720	<0.01	EPA505	0.01	2	10-24-97

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	15720	19.1	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15720	2.00	EPA900	0.1		10-28-97
4012 Photon emitters	15720		-	0.1		
4012 Analysis_Error(Photon)	15720		-	0.1		
4020 Radium-226	15720		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15720		EPA903.1	0.1		10-28-97
4030 Radium-228	15720		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15720		EPA904	0.3		10-28-97
4101 Man-made beta	15720		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15720		EPA900	0.1		10-28-97

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	15721	1.10	EPA200.8	0.02	0.2	11/4/1997
1905	Color (color units)	15721	40.0	SM2120B	5	15	10/21/1997

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15721

Date Sample(s) Recieved: 10/21/97

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: 11/20/97.

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	15721	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15721	0.00661	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15721	0.000340	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15721	0.00888	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15721	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15721	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15721	0.00113	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15721	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15721	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15721	5.53	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15721	0.0293	EPA353.2	0.01	1	10-22-97
1045 Selenium	15721	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15721	9.16	EPA200.7	0.001	160	10-24-97
1074 Antimony	15721	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15721	<0.0001	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15721	<0.0001	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15721		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	15721	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15721	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15721	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15721	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15721	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15721	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15721	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15721	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15721	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15721	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15721	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15721	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15721	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15721	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15721	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15721	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15721	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15721	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15721	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15721	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15721	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15721	<0.5	EPA502.2	0.5	100	10-22-97

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	15721	1.10	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15721	11.7	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15721	0.00889	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15721	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15721	0.283	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15721	0.00944	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15721	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15721	2.96	EPA375.4	1	250	11-05-97
1095 Zinc	15721	0.0219	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15721	40.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15721	<1	SM2150B	1	3	10-21-97
1925 pH	15721	7.77	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15721	196	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15721	<0.1	SM5540C	0.1	0.5	10-21-97

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-	15721	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15721	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15721	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15721	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15721	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15721	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15721	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15721	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15721	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15721	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15721	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15721	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15721	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15721	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15721	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15721	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15721	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15721	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15721		EPA625	0.01	0.00003	
2065 Heptachlor	15721	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15721	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15721	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15721	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15721	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15721	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15721	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15721	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15721	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15721	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15721	<0.01	EPA505	0.01	2	10-24-97

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	15721	3.40	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15721	0.500	EPA900	0.1		10-28-97
4012 Photon emitters	15721		-	0.1		
4012 Analysis_Error(Photon)	15721		-	0.1		
4020 Radium-226	15721		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15721		EPA903.1	0.1		10-28-97
4030 Radium-228	15721		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15721		EPA904	0.3		10-28-97
4101 Man-made beta	15721		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15721		EPA900	0.1		10-28-97

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	15722	0.754	EPA200.8	0.02	0.2	11/4/1997
1905	Color (color units)	15722	20.0	SM2120B	5	15	10/21/1997

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15722

Date Sample(s) Recieved: 10/21/97 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

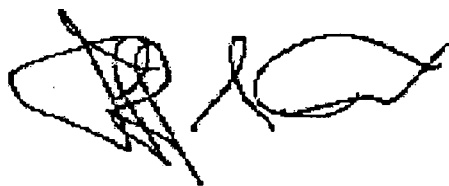
☐ All 11 ☐ Partial

☒ 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: 11/20/97

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	15722	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15722	0.00768	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15722	0.000670	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15722	0.0107	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15722	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15722	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15722	0.00118	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15722	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15722	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15722	5.35	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15722	0.0263	EPA353.2	0.01	1	10-22-97
1045 Selenium	15722	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15722	8.98	EPA200.7	0.001	160	10-24-97
1074 Antimony	15722	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15722	0.000146	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15722	<0.0001	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15722		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	15722	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15722	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15722	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15722	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15722	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15722	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15722	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15722	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15722	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15722	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15722	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15722	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15722	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15722	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15722	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15722	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15722	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15722	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15722	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15722	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15722	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15722	<0.5	EPA502.2	0.5	100	10-22-97

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	15722	0.754	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15722	10.7	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15722	0.0114	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15722	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15722	0.262	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15722	0.00878	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15722	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15722	1.03	EPA375.4	1	250	11-05-97
1095 Zinc	15722	0.0233	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15722	20.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15722	<1	SM2150B	1	3	10-21-97
1925 pH	15722	7.61	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15722	208	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15722	<0.1	SM5540C	0.1	0.5	10-21-97

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	15722	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15722	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15722	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15722	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15722	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15722	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15722	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15722	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15722	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15722	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15722	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15722	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15722	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15722	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15722	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15722	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15722	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15722	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15722		EPA625	0.01	0.00003	
2065 Heptachlor	15722	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15722	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15722	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15722	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15722	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15722	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15722	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15722	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15722	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15722	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15722	<0.01	EPA505	0.01	2	10-24-97

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	15722	2.80	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15722	0.700	EPA900	0.1		10-28-97
4012 Photon emitters	15722		-	0.1		
4012 Analysis_Error(Photon)	15722		-	0.1		
4020 Radium-226	15722		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15722		EPA903.1	0.1		10-28-97
4030 Radium-228	15722		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15722		EPA904	0.3		10-28-97
4101 Man-made beta	15722		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15722		EPA900	0.1		10-28-97

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15723

Date Sample(s) Recieved: 10/21/97

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: 11/20/97

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	15723	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15723	0.00506	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15723	0.000170	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15723	0.00811	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15723	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15723	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15723	<0.001	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15723	<0.0002	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15723	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15723	2.06	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15723	0.0362	EPA353.2	0.01	1	10-22-97
1045 Selenium	15723	<0.01	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15723	8.61	EPA200.7	0.001	160	10-24-97
1074 Antimony	15723	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15723	<0.0001	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15723	<0.0001	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15723		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	15723	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15723	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15723	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15723	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15723	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15723	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15723	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15723	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15723	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15723	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15723	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15723	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15723	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15723	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15723	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15723	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15723	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15723	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15723	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15723	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15723	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15723	<0.5	EPA502.2	0.5	100	10-22-97

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	15723	0.184	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15723	9.21	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15723	0.0173	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15723	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15723	0.0615	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15723	0.00740	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15723	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15723	1.10	EPA375.4	1	250	11-05-97
1095 Zinc	15723	0.0347	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15723	<5	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15723	<1	SM2150B	1	3	10-21-97
1925 pH	15723	7.24	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15723	248	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15723	<0.1	SM5540C	0.1	0.5	10-21-97

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	15723	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15723	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15723	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15723	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15723	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15723	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15723	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15723	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15723	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15723	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15723	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15723	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15723	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15723	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15723	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15723	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15723	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15723	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15723		EPA625	0.01	0.00003	
2065 Heptachlor	15723	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15723	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15723	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15723	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15723	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15723	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15723	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15723	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15723	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15723	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15723	<0.01	EPA505	0.01	2	10-24-97

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	15723	1.30	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15723	0.700	EPA900	0.1		10-28-97
4012 Photon emitters	15723		-	0.1		
4012 Analysis_Error(Photon)	15723		-	0.1		
4020 Radium-226	15723		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15723		EPA903.1	0.1		10-28-97
4030 Radium-228	15723		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15723		EPA904	0.3		10-28-97
4101 Man-made beta	15723		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15723		EPA900	0.1		10-28-97

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	15724	0.722	EPA200.8	0.02	0.2	11/4/1997
1028	Iron	15724	0.999	EPA200.7	0.0002	0.3	10/24/1997
1032	Manganese	15724	0.0813	EPA200.70	0.00004	0.05	10/24/1997
1930	Total Dissolved Solids	15724	554	SM2540C	2.5	500	10/24/1997
4000	Gross alpha	15724	13.9	EPA900	0.1		510/28/1997

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: _____

I.D. #: Sumter Indfl.

Address: PO Box 883 FloralCity, FL 34436

Phone #: _____

Type (check one): ☐ Community ☐ Nontransient Noncommunity

☐ Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 10/21/97

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: 15724

Date Sample(s) Recieved: 10/21/97

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

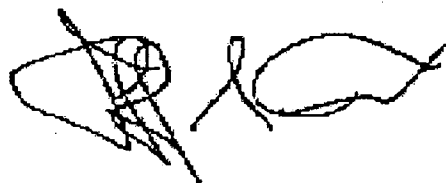
☐ All 11 ☐ Partial

☒ 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: 11/20/97

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	15724	<0.006	EPA200.8	0.006	0.05	10-22-97
1010 Barium	15724	0.0181	EPA200.8	0.0007	2	10-22-97
1015 Cadmium	15724	0.000790	SM3113B	0.0001	0.005	10-22-97
1020 Chromium	15724	0.0250	EPA200.8	0.007	0.1	10-22-97
1024 Cyanide	15724	<0.005	SM4500-CN E	0.005	0.2	10-23-97
1025 Fluoride	15724	<0.01	SM4500F C	0.01	4	10-28-97
1030 Lead	15724	<0.001	EPA200.8	0.001	0.015	10-22-97
1035 Mercury	15724	0.000259	EPA245.1	0.0002	0.002	10-29-97
1036 Nickel	15724	<0.02	EPA200.8	0.02	0.1	10-22-97
1040 Nitrate(as N)	15724	<0.01	EPA353.2	0.01	10	10-23-97
1041 Nitrite(as N)	15724	0.0248	EPA353.2	0.01	1	10-22-97
1045 Selenium	15724	0.0111	EPA200.8	0.01	0.05	10-22-97
1052 Sodium	15724	29.4	EPA200.7	0.001	160	10-24-97
1074 Antimony	15724	<0.003	SM3113B	0.003	0.006	10-30-97
1075 Beryllium	15724	<0.0001	EPA200.8	0.0001	0.004	10-22-97
1085 Thallium	15724	0.000232	EPA200.8	0.0001	0.002	10-22-97
1094 Asbestos	15724		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	15724	<0.001	EPA502.2	0.001	0.1	10-22-97

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	15724	<0.5	EPA502.2	0.5	70	10-22-97
2380 cis-1,2-Dichloroethylene	15724	<0.5	EPA502.2	0.5	70	10-22-97
2955 Xylenes (total)	15724	<0.5	EPA502.2	0.5	10000	10-22-97
2964 Dichloromethane	15724	<0.5	EPA502.2	0.5	5	10-22-97
2968 O-dichlorobenzene	15724	<0.5	EPA502.2	0.5	600	10-22-97
2969 Para-dichlorobenzene	15724	<0.5	EPA502.2	0.5	75	10-22-97
2976 Vinyl chloride	15724	<0.5	EPA502.2	0.5	1	10-22-97
2977 1,1,-dichloroethylene	15724	<0.5	EPA502.2	0.5	7	10-22-97
2979 Trans-1,2-dichloroethylene	15724	<0.5	EPA502.2	0.5	100	10-22-97
2980 1,2,-dichloroethane	15724	<0.3	EPA502.2	0.3	3	10-22-97
2981 1,1,1-trichloroethane	15724	<0.5	EPA502.2	0.5	200	10-22-97
2982 Carbon tetrachloride	15724	<0.5	EPA502.2	0.5	3	10-22-97
2983 1,2-dichloropropane	15724	<0.25	EPA502.2	0.25	5	10-22-97
2984 Trichloroethylene	15724	<0.5	EPA502.2	0.5	3	10-22-97
2985 1,1,2-trichloroethane	15724	<0.5	EPA502.2	0.5	5	10-22-97
2987 Tetrachloroethylene	15724	<0.5	EPA502.2	0.5	3	10-22-97
2989 Monochlorobenzene	15724	<0.5	EPA502.2	0.5	100	10-22-97
2990 Benzene	15724	<0.2	EPA502.2	0.2	1	10-22-97
2991 Toluene	15724	<0.5	EPA502.2	0.5	1000	10-22-97
2992 Ethylbenzene	15724	<0.5	EPA502.2	0.5	700	10-22-97
2996 Styrene	15724	<0.5	EPA502.2	0.5	100	10-22-97

Secondary Chemical Analysis
62-550.320
(PWS031)

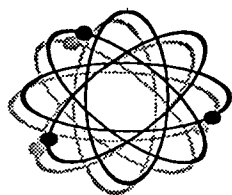
Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	15724	0.722	EPA200.8	0.02	0.2	11-04-97
1017 Chloride	15724	17.5	SM4500Cl-D	0.01	250	10-27-97
1022 Copper	15724	0.00658	EPA200.8	0.0002	1	10-22-97
1025 Fluoride	15724	<0.01	SM4500F C	0.01	2	10-28-97
1028 Iron	15724	0.999	EPA200.7	0.0002	0.3	10-24-97
1032 Manganese	15724	0.0813	EPA200.7	0.00004	0.05	10-24-97
1050 Silver	15724	<0.007	EPA200.8	0.007	0.1	10-22-97
1055 Sulfate	15724	2.38	EPA375.4	1	250	11-05-97
1095 Zinc	15724	0.0117	EPA200.8	0.004	5	10-22-97
1905 Color (color units)	15724	10.0	SM2120B	5	15	10-21-97
1920 Odor (total odor number)	15724	<1	SM2150B	1	3	10-21-97
1925 pH	15724	6.52	EPA150.1	0.01	6.5 - 8.5	10-21-97
1930 Total Dissolved Solids	15724	554	SM2540C	2.5	500	10-24-97
2905 Foaming Agents	15724	<0.1	SM5540C	0.1	0.5	10-21-97

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	15724	<0.001	EPA505	0.001	2	10-24-97
2010 Lindane	15724	<0.001	EPA505	0.001	0.2	10-24-97
2015 Methoxychlor	15724	<0.01	EPA505	0.01	40	10-24-97
2020 Toxaphene	15724	<0.1	EPA505	0.1	3	10-24-97
2031 Dalapon	15724	<0.001	EPA515.1	0.001	200	11-04-97
2032 Diquat	15724	<0.4	EPA549	0.4	20	11-18-97
2033 Endothall	15724	<9	EPA548	9	100	11-11-97
2034 Glyphosate	15724	<6	EPA547	6	700	11-09-97
2035 Di(2-ethylhexyl)adipate	15724	<0.6	EPA525.1	0.6	400	10-22-97
2036 Oxamyl (Vydate)	15724	<2	EPA531.1	2	200	11-14-97
2037 Simazine	15724	<0.07	EPA505	0.07	4	10-24-97
2039 Di(2-ethylhexyl)phthalate	15724	<0.6	EPA525.1	0.6	6	10-22-97
2040 Picloram	15724	<0.07	EPA515.1	0.07	500	11-04-97
2041 Dinoseb	15724	<0.01	EPA515.1	0.01	7	11-04-97
2042 Hexachlorocyclopentadiene	15724	<0.1	EPA505	0.1	50	10-24-97
2046 Carbofuran	15724	<0.9	EPA531	0.9	40	11-14-97
2050 Atrazine	15724	<0.1	EPA505	0.1	3	10-24-97
2051 Alachlor	15724	<0.2	EPA505	0.2	2	10-24-97
2063 2,3,7,8-TCDD (Dioxin)	15724		EPA625	0.01	0.00003	
2065 Heptachlor	15724	<0.005	EPA505	0.005	0.4	10-24-97
2067 Heptachlor epoxide	15724	<0.005	EPA505	0.005	0.2	10-24-97
2105 2,4-D	15724	<0.05	EPA515.1	0.05	70	11-04-97
2110 2,4,5-TP (Silvex)	15724	<0.02	EPA515.1	0.02	50	11-04-97
2274 Hexachlorobenzene	15724	<0.1	EPA505	0.1	1	10-24-97
2306 Benzo(a)pyrene	15724	<0.02	EPA550	0.02	0.2	11-04-97
2326 Pentachlorophenol	15724	<0.04	EPA515.1	0.04	1	11-04-97
2383 PCB	15724	<0.1	EPA505	0.1	0.5	10-24-97
2931 Dibromochloropropane	15724	<0.01	EPA504	0.01	0.2	11-03-97
2946 Ethylene dibromide	15724	<0.01	EPA504	0.01	0.02	11-03-97
2959 Chlordane	15724	<0.01	EPA505	0.01	2	10-24-97

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	15724	13.9	EPA900	0.1		5 10-28-97
4000 Analysis_Error(Ga)	15724	2.40	EPA900	0.1		10-28-97
4012 Photon emitters	15724		-	0.1		
4012 Analysis_Error(Photon)	15724		-	0.1		
4020 Radium-226	15724		EPA903.1	0.1		10-28-97
4020 Analysis_Error(226)	15724		EPA903.1	0.1		10-28-97
4030 Radium-228	15724		EPA904	0.3		10-28-97
4030 Analysis_Error(228)	15724		EPA904	0.3		10-28-97
4101 Man-made beta	15724		EPA900	0.1		10-28-97
4101 Analysis_Error(beta)	15724		EPA900	0.1		10-28-97



FLOWERS CHEMICAL LABORATORIES

Internal Custody Record

Lab Number: 15718

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



STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

Safe Drinking Water Analyte Sheet
(RADIOCHEMISTRY)

LABORATORY: KNL Laboratory Services

CERTIFICATION ID#: 84252

Date: July 1, 1996

Supersedes previous issue dated: 7/1/95

RADIOCHEMISTRY

	Method No.	Publication	[XX indicates ANALYTE CERTIFIED]
<u>XX</u> Gross Alpha	<u>900.0</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u>XX</u> Gross Beta	<u>900.0</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u>XX</u> Radium-226	<u>903.1</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u>XX</u> Radium-228	<u>*All</u>	Brooks and Blanchard, *(EPA Alternate Approved Procedure)	
<u>XX</u> Natural Uranium	<u>908.0</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u> </u> Radon	<u> </u>		
<u> </u> Tritium	<u> </u>		
<u>XX</u> Strontium-89	<u>905.0</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u>XX</u> Strontium-90	<u>905.0</u>	Prescribed Procedures for Measurement of Radioactivity in Drinking Water, EPA-600/4-80-032	
<u> </u> Iodine-131	<u> </u>		
<u> </u> Photon Emitters	<u> </u>		
<u> </u> Cesium-134			
<u> </u> Cesium-137			
<u> </u> Cobalt-60			
<u> </u> Barium-133			
<u> </u> Zinc-65			



Lawton Chiles
Governor

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

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:

83139

EPA: FL00091

DATE:

MAY 1, 1997

MICROBIOLOGY

METHODS

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

APRIL 18, 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
X CHLORIDE SM4500CI- D
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 549.1
X ENDOTHALL 548.1
X GLYPHOSATE 547

6. PCB'S

X AROCHLORS 505
X DECACHLOROBIPHENYL 508A

7. ADIPATES AND PHTHALATES

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

8. PAH

X BENZO(a)PYRENE 550
DIOXIN
2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN



Lawton Chiles
Governor

James T. Howell, M.D., M.P.H.
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CERTIFICATION NUMBER: 83139

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DATE: MAY 1, 1997

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

APRIL 18, 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 1,1,1,2-TETRACHLOROETHANE	502.2	524.2
X METHYL tert-BUTYL ETHER	502.2	524.2
X 1,1-DICHLOROPROPENE	502.2	524.2
X o-CHLOROTOLUENE	502.2	524.2

GROUP III UNREGULATED CONTAMINANTS

1. BASE/NEUTRAL EXTRACTABLES

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

2. ACID EXTRACTABLES

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

**CHEMICAL
LABORATORIES
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Page 1 of 1


**CHEMICAL
LABORATORIES**
INCORPORATED

Received From:

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

Date Reported : Nov19 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9957 SL1	9958 SL2	9959 SL4	9960 SL6A	9961 SL7
	Detection Limit								
Dilution_Factor	-	-	-	-	1.00	1.00	1.00	1.00	1.00
1,1,1-trichloroethane	ug/L	1.00	104.	.350	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroethane	ug/L	1.00	110.	.220	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-trichloroethane	ug/L	1.00	110.	.730	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	107.	.410	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	95.6	4.18	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	104.	.010	<0.300	<0.300	<0.300	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	109.	13.4	<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	103.	.410	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	93.2	1.97	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	102.	.510	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	107.	.070	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	ug/L	0.300	94.2	.350	<0.300	<0.300	<0.300	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	104.	8.79	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	92.8	1.81	<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	105.	.450	<1.00	<1.00	<1.00	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	96.2	6.07	<2.00	<2.00	<2.00	<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00	98.7	.950	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00	109.	.580	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	109.	9.83	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	98.1	.560	<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	95.2	1.25	<3.00	<3.00	<3.00	<3.00	<3.00
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

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

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**CHEMICAL
LABORATORIES**
INCORPORATED

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

Date Reported : Nov19 1997
Project Number : Sumter Indfl.
PO Number : N/A
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: EPA601602 NH4 TB

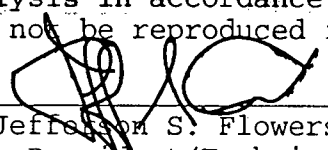
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9957 SL1	9958 SL2	9959 SL4	9960 SL6A	9961 SL7
		Detection Limit							
Vinyl chloride	ug/L	0.500			<0.500	<0.500	<0.500	<0.500	<0.500
Hall_Spike	ug/L	0.500	116.	.140	117.	115.	115.	117.	117.
o-dichlorobenzene	ug/L	0.500	106.	.230	<0.500	<0.500	<0.500	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	111.	.240	<0.500	<0.500	<0.500	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	113.	.030	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	ug/L	0.200	96.6	.250	<0.200	<0.200	<0.200	<0.200	<0.200
Chlorobenzene	ug/L	0.500	114.	.100	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	ug/L	0.500	97.2	1.16	<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	ug/L	0.500	97.2	.040	<0.500	<0.500	<0.500	<0.500	<0.500
Xylene	ug/L	0.500	92.1	.150	<0.500	<0.500	<0.500	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	81.6	.270	<0.500	<0.500	<0.500	<0.500	<0.500
Total_BTEX	ug/L	0.500	94.5	.070	<0.500	<0.500	<0.500	<0.500	<0.500
PID_Spike	ug/L	0.500	93.2	.110	88.4	89.0	89.0	89.2	88.7
-	-	-	-	-	-	-	-	-	-
Ammonia(as N)	mg/L	0.0100	117.	.290	<.0100	<.0100	<.0100	<.0100	<.0100
Turbidity	NTU	0.0500	95.0	.000	52.0	6.80	4.90	7.90	32.0

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

For: EPA601602 NH4 TB
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9962	9963
					SL8	SL9
		Detection Limit				
Dilution_Factor		-	-	-	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	104.	.350	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	110.	.220	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	110.	.730	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	107.	.410	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	95.6	4.18	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	104.	.010	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	109.	13.4	<0.250	<0.250
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00
Bromodichloromethane	ug/L	1.00	103.	.410	<1.00	<1.00
Bromoform	ug/L	1.00	93.2	1.97	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	102.	.510	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	107.	.070	<1.00	<1.00
Chloroform	ug/L	0.300	94.2	.350	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	104.	8.79	<1.00	<1.00
Methylene chloride	ug/L	1.00	92.8	1.81	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	105.	.450	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00	96.2	6.07	<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00	98.7	.950	<1.00	<1.00
Trichloroethene	ug/L	1.00	109.	.580	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	109.	9.83	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	98.1	.560	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00
Chloroethane	ug/L	3.00	95.2	1.25	<3.00	<3.00
Chloromethane	ug/L	5.00			<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00

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

For: EPA601602 NH4 TB
Date Sampled: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9962	9963
					SL8	SL9
		Detection				
		Limit				
Vinyl chloride	ug/L	0.500			<0.500	<0.500
Hall_Spike	ug/L	0.500	116.	.140	118.	116.
o-dichlorobenzene	ug/L	0.500	106.	.230	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	111.	.240	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	113.	.030	<0.500	<0.500
Benzene	ug/L	0.200	96.6	.250	<0.200	<0.200
Chlorobenzene	ug/L	0.500	114.	.100	<0.500	<0.500
Ethylbenzene	ug/L	0.500	97.2	1.16	<0.500	<0.500
Toluene	ug/L	0.500	97.2	.040	<0.500	<0.500
Xylene	ug/L	0.500	92.1	.150	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	81.6	.270	<0.500	<0.500
Total_BTEX	ug/L	0.500	94.5	.070	<0.500	<0.500
PID_Spike	ug/L	0.500	93.2	.110	88.9	87.9
Ammonia(as N)	mg/L	0.0100	117.	.290	<.0100	<.0100
Turbidity	NTU	0.0500	95.0	.000	1.50	12.0

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

Date Reported : Nov19 1997
Project Number : Sumter Indfl.
PO Number : N/A
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: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963

REPORT OF INFORMATION

Parameter	Unit	Limit	Expected	Value	Range	Correlation
					9957	
Hall_Spike	ug/L	153.	93.8	117.		
PID_Spike	ug/L	153.	101.	88.4		
Turbidity	NTU	1850	53.7	52.0		
					9958	
Hall_Spike	ug/L	153.	93.8	115.		
PID_Spike	ug/L	153.	101.	89.0		
Turbidity	NTU	1850	53.7	6.80		
					9959	
Hall_Spike	ug/L	153.	93.8	115.		
PID_Spike	ug/L	153.	101.	89.0		
Turbidity	NTU	1850	53.7	4.90		
					9960	
Hall_Spike	ug/L	153.	93.8	117.		
PID_Spike	ug/L	153.	101.	89.2		
Turbidity	NTU	1850	53.7	7.90		
					9961	
Hall_Spike	ug/L	153.	93.8	117.		
PID_Spike	ug/L	153.	101.	88.7		
Turbidity	NTU	1850	53.7	32.0		

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.



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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: Oct21 1997 Date Received: Oct21 1997 Lab Numbers: 9957-9963

REPORT OF INFORMATION

Parameter Unit	Limit	Expected	Value	Range	Correlation
				9962	
Hall_Spike ug/L	153.	93.8		118.	
PID_Spike ug/L	153.	101.		88.9	
Turbidity NTU	1850	53.7		1.50	
				9963	
Hall_Spike ug/L	153.	93.8		116.	
PID_Spike ug/L	153.	101.		87.9	
Turbidity NTU	1850	53.7		12.0	

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.

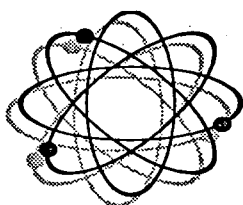
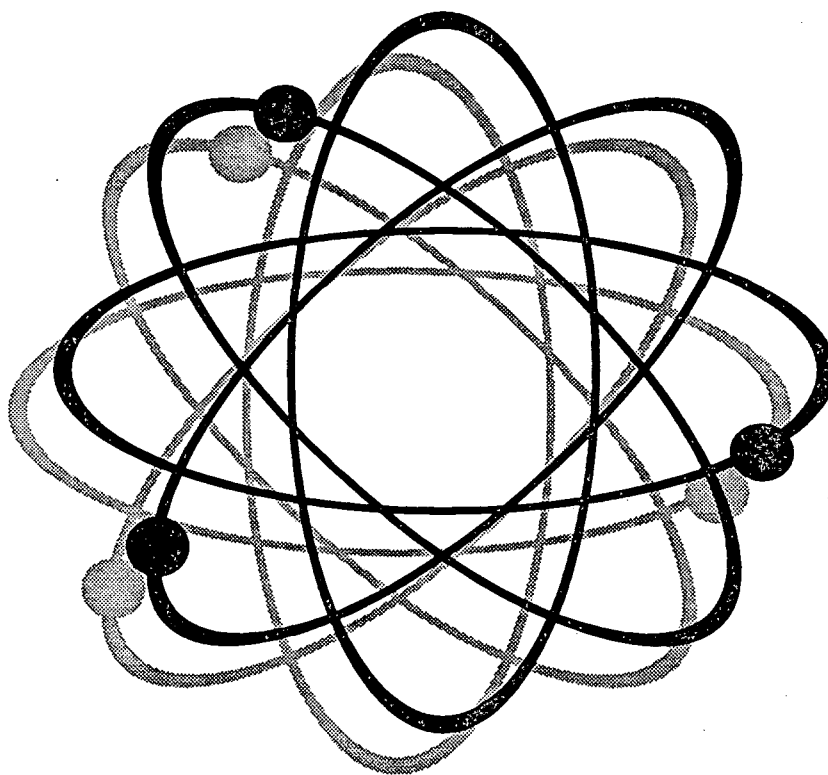
1199			FLOWERS CHEMICAL LABORATORIES															
			ANALYTICAL RESULTS FORM										HRS Number 83139					
Parameter	Symbol	Unit	SL1	SL2	SL4	SL6A	SL7	SL8	SL9	QA				Section		Analys	Date	
			9957	9958	9959	9960	9961	9962	9963	Method	MDL	%RSD	%Rec					
Dilution Factor	*	#	1	1	1	1	1	1	1				EPA601	1			EVB	10-21-97
1,1,1-trichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.358	104	EVB	10-21-97
1,1,2,2-tetrachloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.225	110	EVB	10-21-97
1,1,2-trichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.735	110	EVB	10-21-97
1,1-dichloroethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.411	107	EVB	10-21-97
1,1-dichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	4.18	95.6	EVB	10-21-97
1,2-dichloroethane	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3				EPA601	0.3	0.0113	104	EVB	10-21-97
1,2-dichloropropane	*	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				EPA601	0.25	13.4	109	EVB	10-21-97
2-chloroethylvinylether	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1			EVB	10-21-97
Bromodichloromethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.418	103	EVB	10-21-97
Bromoform	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	1.97	93.2	EVB	10-21-97
cis-1,3-dichloropropene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.517	102	EVB	10-21-97
Carbon tetrachloride	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.0706	107	EVB	10-21-97
Chloroform	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3				EPA601	0.3	0.352	94.2	EVB	10-21-97
Dibromochloromethane	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	8.79	104	EVB	10-21-97
Methylene chloride	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	1.81	92.8	EVB	10-21-97
trans-1,3-dichloropropene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.454	105	EVB	10-21-97
Trichlorofluoromethane	*	ug/L	<2	<2	<2	<2	<2	<2	<2				EPA601	2	6.07	96.2	EVB	10-21-97
t-1,2-dichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.951	98.7	EVB	10-21-97
Trichloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.58	109	EVB	10-21-97
Tetrachloroethene	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	9.83	109	EVB	10-21-97
1,2-dibromo-3-chloroprop	*	ug/L	<1	<1	<1	<1	<1	<1	<1				EPA601	1	0.563	98.1	EVB	10-21-97
Bromomethane	*	ug/L	<5	<5	<5	<5	<5	<5	<5				EPA601	5			EVB	10-21-97
Chloroethane	*	ug/L	<3	<3	<3	<3	<3	<3	<3				EPA601	3	1.25	95.2	EVB	10-21-97
Chloromethane	*	ug/L	<5	<5	<5	<5	<5	<5	<5				EPA601	5			EVB	10-21-97
Dichlorodifluoromethane	*	ug/L	<2	<2	<2	<2	<2	<2	<2				EPA601	2			EVB	10-21-97
Vinyl chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA601	0.5			EVB	10-21-97
Hall Spike	*	ug/L	117	115	115	117	117	118	116				EPA601	0.5	0.14	116	EVB	10-21-97
o-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.236	106	EVB	10-21-97
m-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.245	111	EVB	10-21-97
Para-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.0369	113	EVB	10-21-97
Benzene	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2				EPA602	0.2	0.25	96.6	EVB	10-21-97
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.106	114	EVB	10-21-97
Ethylbenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	1.16	97.2	EVB	10-21-97
Toluene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.043	97.2	EVB	10-21-97
Xylene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.156	92.1	EVB	10-21-97
Methyl-tert-butylether	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.271	81.6	EVB	10-21-97
Total BTEX	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				EPA602	0.5	0.0726	94.5	EVB	10-21-97
PID Spike	*	ug/L	88.4	89	89	89.2	88.7	88.9	87.9				EPA602	0.5	0.119	93.2	EVB	10-21-97
-	*	-	-	-	-	-	-	-	-				-	-	-	-	-	-
Ammonium(as N)	*	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				EPA350.1	0.01	0.2908645	117.56912	AH	11-17-97
Turbidity	*	NTU	52.0	6.80	4.90	7.90	32.0	1.50	12.0				EPA180.1	0.05	0	95	DLB	10-22-97
			Date Received:			10-21-97		Typed:		11-19-97		Sent:		11-19-97				
Project Number	Sumter Indfl.																	
PO Number	N/A																	
Date Sampled	1 10-21-97 *																	
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 Indfl.
Lab Numbers: 9957 - 9963

Report date: 19-Nov-97



**FLOWERS
CHEMICAL
LABORATORIES**

QA Conformance Summary

Client:	Cent. Testing Lab
Project Number:	Sumter Indfl.
P.O. Number:	N/A
Date Sampled:	21-Oct-97
Lab Numbers:	9957 - 9963

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.

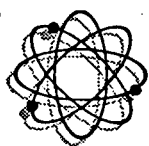
The t-test limits were met for all QCCS standards as shown in section 5.

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

There were 4 standard blanks.

The t-test limits were exceeded for 1 surrogate spike standard as shown in section 5.

This represents a 50.0% success rate.



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

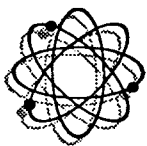
Hall_Spike for EPA601

Unit of measure: ug/L

Surrogate Expected: 100

Acceptability Limits: 68.8 - 137

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
9957	SL1	117	117
9958	SL2	115	115
9959	SL4	115	115
9960	SL6A	117	117
9961	SL7	117	117
9962	SL8	118	118
9963	SL9	116	116



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

PID_Spike for EPA602

Unit of measure: ug/L

Surrogate Expected: 100

Acceptability Limits: 67.8 - 113

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
9957	SL1	88.4	88.4
9958	SL2	89.0	89.0
9959	SL4	89.0	89.0
9960	SL6A	89.2	89.2
9961	SL7	88.7	88.7
9962	SL8	88.9	88.9
9963	SL9	87.9	87.9



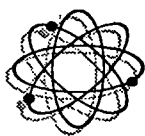
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
1,1,1-trichloroethane	ug/L	EPA601	10-21-97	32.0	<1	33.2	104%	33.3	104%	21.8 - 41.7	0.071	0 - 5.56
1,1,2,2-tetrachloroethane	ug/L	EPA601	10-21-97	32.0	<1	35.4	111%	35.3	110%	22.2 - 42.4	0.071	0 - 5.22
1,1,2-trichloroethane	ug/L	EPA601	10-21-97	32.0	<1	35.2	110%	35.5	111%	21.4 - 40.6	0.212	0 - 5.50
1,1-dichloroethane	ug/L	EPA601	10-21-97	32.0	<1	34.3	107%	34.1	107%	21.9 - 41.1	0.141	0 - 5.64
1,1-dichloroethene	ug/L	EPA601	10-21-97	32.0	<1	31.5	98.4%	29.7	92.8%	19.6 - 43.1	1.27	0 - 6.64
1,2-dichloroethane	ug/L	EPA601	10-21-97	32.0	<0.3	33.2	104%	33.2	104%	20.8 - 41.5	0.000	0 - 6.63
1,2-dichloropropane	ug/L	EPA601	10-21-97	32.0	<0.25	31.6	98.8%	38.2	119%	21.5 - 42.4	4.67	0 - 5.85
Bromodichloromethane	ug/L	EPA601	10-21-97	32.0	<1	32.9	103%	33.0	103%	21.9 - 40.7	0.071	0 - 5.39
Bromoform	ug/L	EPA601	10-21-97	32.0	<1	30.2	94.4%	29.4	91.9%	18.7 - 43.1	0.566	0 - 6.78
cis-1,3-dichloropropene	ug/L	EPA601	10-21-97	32.0	<1	32.7	102%	32.9	103%	22.8 - 40.3	0.141	0 - 5.02
Carbon tetrachloride	ug/L	EPA601	10-21-97	32.0	<1	34.1	107%	34.1	107%	21.2 - 41.8	0.000	0 - 6.04
Chloroform	ug/L	EPA601	10-21-97	32.0	<0.3	30.1	94.1%	30.2	94.4%	21.5 - 39.0	0.071	0 - 5.00
Dibromochloromethane	ug/L	EPA601	10-21-97	32.0	1.21	31.8	97.5%	36.0	111%	21.1 - 41.7	2.97	0 - 5.65
Methylene chloride	ug/L	EPA601	10-21-97	32.0	<1	30.1	94.1%	29.3	91.6%	21.3 - 37.5	0.566	0 - 5.05
trans-1,3,-dichloropropene	ug/L	EPA601	10-21-97	32.0	<1	33.6	105%	33.4	104%	22.2 - 40.6	0.141	0 - 4.71
Trichlorofluoromethane	ug/L	EPA601	10-21-97	32.0	<2	32.1	100%	29.5	92.2%	20.0 - 42.7	1.84	0 - 6.22
t-1,2-dichloroethene	ug/L	EPA601	10-21-97	32.0	<1	31.8	99.4%	31.4	98.1%	20.9 - 39.6	0.283	0 - 5.61
Trichloroethene	ug/L	EPA601	10-21-97	32.0	<1	34.6	108%	34.9	109%	20.1 - 42.0	0.212	0 - 6.35
Tetrachloroethene	ug/L	EPA601	10-21-97	32.0	<1	32.4	101%	37.3	117%	19.8 - 43.8	3.46	0 - 7.30
1,2-dibromo-3-chloropropan	ug/L	EPA601	10-21-97	32.0	<1	31.3	97.8%	31.5	98.4%	19.5 - 44.5	0.141	0 - 5.81
Chloroethane	ug/L	EPA601	10-21-97	32.0	<3	30.7	95.9%	30.2	94.4%	20.0 - 42.7	0.354	0 - 7.31
o-dichlorobenzene	ug/L	EPA602	10-21-97	32.0	<0.5	33.8	106%	34.0	106%	21.8 - 40.2	0.141	0 - 5.38
m-dichlorobenzene	ug/L	EPA602	10-21-97	32.0	<0.5	35.4	111%	35.5	111%	21.4 - 40.4	0.071	0 - 5.65
Para-dichlorobenzene	ug/L	EPA602	10-21-97	32.0	<0.5	36.3	113%	36.3	113%	20.7 - 42.2	0.000	0 - 6.10
Benzene	ug/L	EPA602	10-21-97	32.0	<0.2	31.0	96.9%	30.9	96.6%	21.8 - 38.8	0.071	0 - 5.09
Chlorobenzene	ug/L	EPA602	10-21-97	32.0	<0.5	36.6	114%	36.6	114%	21.9 - 41.9	0.000	0 - 5.88
Ethylbenzene	ug/L	EPA602	10-21-97	32.0	<0.5	30.8	96.3%	31.4	98.1%	22.7 - 39.0	0.424	0 - 4.72
Toluene	ug/L	EPA602	10-21-97	32.0	<0.5	31.1	97.2%	31.1	97.2%	21.7 - 38.5	0.000	0 - 4.64
Xylene	ug/L	EPA602	10-21-97	96.0	<0.5	88.5	92.2%	88.3	92.0%	61.4 - 117	0.141	0 - 17.2



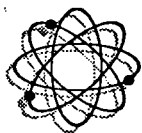
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Methyl-tert-butylether	ug/L	EPA602	10-21-97	32.0	<0.5	26.1	81.6%	26.2	81.9%	18.8 - 40.0	0.071	0 - 6.29
Total_BTEX	ug/L	EPA602	10-21-97	192	<0.5	181	94.3%	182	94.8%	132 - 230	0.707	0 - 27.8
Ammonium(as N)	mg/L	EPA350.1	11-17-97	0.200	0.224	0.459	118%	0.461	118%	0.174 - 0.627	0.001	0 - 0.061



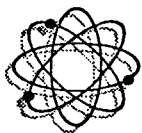
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Method	Date	Concentration
1,1,1-trichloroethane	ug/L	EPA601	10-21-97	<1
1,1,2,2-tetrachloroethane	ug/L	EPA601	10-21-97	<1
1,1,2-trichloroethane	ug/L	EPA601	10-21-97	<1
1,1-dichloroethane	ug/L	EPA601	10-21-97	<1
1,1-dichloroethene	ug/L	EPA601	10-21-97	<1
1,2-dichloroethane	ug/L	EPA601	10-21-97	<0.3
1,2-dichloropropane	ug/L	EPA601	10-21-97	<0.25
2-chloroethylvinylether	ug/L	EPA601	10-21-97	<1
Bromodichloromethane	ug/L	EPA601	10-21-97	<1
Bromoform	ug/L	EPA601	10-21-97	<1
cis-1,3-dichloropropene	ug/L	EPA601	10-21-97	<1
Carbon tetrachloride	ug/L	EPA601	10-21-97	<1
Chloroform	ug/L	EPA601	10-21-97	<0.3
Dibromochloromethane	ug/L	EPA601	10-21-97	<1
Methylene chloride	ug/L	EPA601	10-21-97	<1
trans-1,3,-dichloropropene	ug/L	EPA601	10-21-97	<1
Trichlorofluoromethane	ug/L	EPA601	10-21-97	<2
t-1,2-dichloroethene	ug/L	EPA601	10-21-97	<1
Trichloroethene	ug/L	EPA601	10-21-97	<1
Tetrachloroethene	ug/L	EPA601	10-21-97	<1
1,2-dibromo-3-chloropropane	ug/L	EPA601	10-21-97	<1
Bromomethane	ug/L	EPA601	10-21-97	<5
Chloroethane	ug/L	EPA601	10-21-97	<3
Chloromethane	ug/L	EPA601	10-21-97	<5
Dichlorodifluoromethane	ug/L	EPA601	10-21-97	<2
Vinyl chloride	ug/L	EPA601	10-21-97	<0.5
o-dichlorobenzene	ug/L	EPA602	10-21-97	<0.5
m-dichlorobenzene	ug/L	EPA602	10-21-97	<0.5
Para-dichlorobenzene	ug/L	EPA602	10-21-97	<0.5



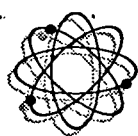
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Method	Date	Concentration
Benzene	ug/L	EPA602	10-21-97	<0.2
Chlorobenzene	ug/L	EPA602	10-21-97	<0.5
Ethylbenzene	ug/L	EPA602	10-21-97	<0.5
Toluene	ug/L	EPA602	10-21-97	<0.5
Xylene	ug/L	EPA602	10-21-97	<0.5
Methyl-tert-butylether	ug/L	EPA602	10-21-97	<0.5
Total BTEX	ug/L	EPA602	10-21-97	<0.5
Ammonium(as N)	mg/L	EPA350.1	11-17-97	<0.01
Turbidity	NTU	EPA180.1	10-22-97	<0.05



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,1,1-trichloroethane	ug/L	EPA601	10-21-97	40.0	40.6	102%	28.4 - 49.8
1,1,2,2-tetrachloroethane	ug/L	EPA601	10-21-97	40.0	44.4	111%	31.3 - 52.7
1,1,2-trichloroethane	ug/L	EPA601	10-21-97	40.0	45.2	113%	29.3 - 51.5
1,1-dichloroethane	ug/L	EPA601	10-21-97	40.0	41.7	104%	28.4 - 48.6
1,1-dichloroethene	ug/L	EPA601	10-21-97	40.0	36.1	90.3%	25.9 - 51.1
1,2-dichloroethane	ug/L	EPA601	10-21-97	40.0	41.4	104%	30.5 - 48.9
1,2-dichloropropane	ug/L	EPA601	10-21-97	40.0	47.3	118%	31.1 - 52.1
Bromodichloromethane	ug/L	EPA601	10-21-97	40.0	40.3	101%	29.7 - 50.2
Bromoform	ug/L	EPA601	10-21-97	40.0	39.8	99.5%	29.0 - 53.4
cis-1,3-dichloropropene	ug/L	EPA601	10-21-97	40.0	42.5	106%	29.5 - 52.1
Carbon tetrachloride	ug/L	EPA601	10-21-97	40.0	41.5	104%	29.0 - 48.4
Chloroform	ug/L	EPA601	10-21-97	40.0	36.8	92.0%	27.9 - 46.8
Dibromochloromethane	ug/L	EPA601	10-21-97	40.0	46.6	117%	30.2 - 50.6
Methylene chloride	ug/L	EPA601	10-21-97	40.0	37.1	92.8%	27.1 - 48.4
trans-1,3,-dichloropropene	ug/L	EPA601	10-21-97	40.0	43.4	109%	29.9 - 52.5
Trichlorofluoromethane	ug/L	EPA601	10-21-97	40.0	41.8	105%	27.5 - 54.9
t-1,2-dichloroethene	ug/L	EPA601	10-21-97	40.0	37.9	94.8%	27.3 - 47.4
Trichloroethene	ug/L	EPA601	10-21-97	40.0	42.5	106%	27.9 - 49.2
Tetrachloroethene	ug/L	EPA601	10-21-97	40.0	45.6	114%	29.9 - 50.9
1,2-dibromo-3-chloropropane	ug/L	EPA601	10-21-97	40.0	40.4	101%	26.3 - 56.1
Chloroethane	ug/L	EPA601	10-21-97	40.0	41.0	103%	28.2 - 52.6
o-dichlorobenzene	ug/L	EPA602	10-21-97	40.0	43.4	109%	32.0 - 50.4
m-dichlorobenzene	ug/L	EPA602	10-21-97	40.0	45.3	113%	31.8 - 52.2
Para-dichlorobenzene	ug/L	EPA602	10-21-97	40.0	45.9	115%	31.0 - 54.6
Benzene	ug/L	EPA602	10-21-97	40.0	38.5	96.3%	29.0 - 48.6
Chlorobenzene	ug/L	EPA602	10-21-97	40.0	46.3	116%	33.3 - 50.7
Ethylbenzene	ug/L	EPA602	10-21-97	40.0	40.3	101%	28.8 - 49.3
Toluene	ug/L	EPA602	10-21-97	40.0	39.3	98.3%	28.3 - 48.1
Xylene	ug/L	EPA602	10-21-97	120	112	93.3%	81.5 - 145



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Methyl-tert-butylether	ug/L	EPA602	10-21-97	40.0	33.1	82.8%	24.3 - 48.5
Total_BTEX	ug/L	EPA602	10-21-97	240	230	95.8%	172 - 284
Ammonium(as N)	mg/L	EPA350.1	11-17-97	0.500	0.509	102%	0.421 - 0.589
Turbidity	NTU	EPA180.1	10-22-97	4.00	3.80	95.0%	2.75 - 6.04



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

		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									
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	6.98	>1.68	0.991	0.043	1.03	0.049
1,1-dichloroethane	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	3.71	>1.65	0.979	0.079	1.05	0.082
1,1-dichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.98	>1.68	0.991	0.043	1.03	0.049
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 Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

		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	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	Ultra	K-1145	601	DO	11-26-96	09-09-98	780	DO	06-16-97	05-01-98						
Matrix Spike	Ultra	K-1145	601	DO	11-26-96	09-09-98	780	DO	06-16-97	05-01-98						
t-1,2-dichloroethene	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98						
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
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	Ultra	L0147	683	DO	05-15-97	01-01-99	763	DO	05-15-97	05-01-98			0.974	0.035	0.971	
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 Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

		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	5.96	>1.75	1.00	0.052	1.04	0.044
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			1.02	0.059	1.04	0.033



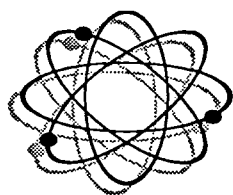
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Cent. Testing Lab
Project Number: Sumter Indfl.
P.O. Number: N/A
Date Sampled: 21-Oct-97
Lab Numbers: 9957 - 9963

		Manufacturer	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
		Lot #	Lot #	By	Recieved	Until	Lot #	By	Prepared	Until						
1,1,1-trichloroethane 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 QCCS 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
	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
	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 QCCS 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
	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
	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
EPA601 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	660	DO	02-01-97	01-01-98						
EPA602 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	660	DO	02-01-97	01-01-98						
EPA350.1 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						
EPA180.1 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						
Hall Spike	Aldrich	01920EY	539	DO	01-01-95	01-01-99	549	CST	07-18-96	07-18-97	3.51	+2.00	0.589	0.154	0.794	0.259
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



FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Numbers: 9957 - 9963

Lab # 9957

Container 130075 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Container 130079 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Lab # 9958

Container 130072 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Container 130078 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Lab # 9959

Container 130084 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Container 130242 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Mon, 10/13/97 03:42PM

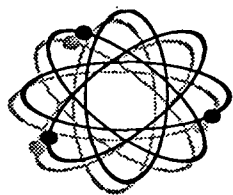
Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Lab # 9960

Container 130080 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

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



FLOWERS CHEMICAL LABORATORIES

Internal Custody Record Lab Numbers: 9957 - 9963

Container 130239 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Mon, 10/13/97 03:42PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Lab # 9961

Container 130073 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Container 130083 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Lab # 9962

Container 130081 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Container 130240 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Mon, 10/13/97 03:42PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Lab # 9963

Container 130071 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Inorg Mbl Cart 1 SDavid Burrows Wed, 10/22/97 01:05PM

Container 130082 Plastic Bottle 250 ml:

Shpped to customerCheck-in Station Fri, 10/10/97 03:58PM

Jefferson L. Flowers, Ph.D
Jefferson S. Flowers, Ph.D
PO BOX 150597
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FLORIDA 32715-0597
BUS: (407) 339-5984
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Section 5 of 5

**CHEMICAL
LABORATORIES
INCORPORATED**

See Top
Sheet

601/602 N Hy TB

Client Identification/Description

SL 1

512

SL 4

SLGA

567

568

519

Monitoring Wells

Ken Zeff

10-21-97

9-10:30A

[Handwritten signature]

10/21/87

1423

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