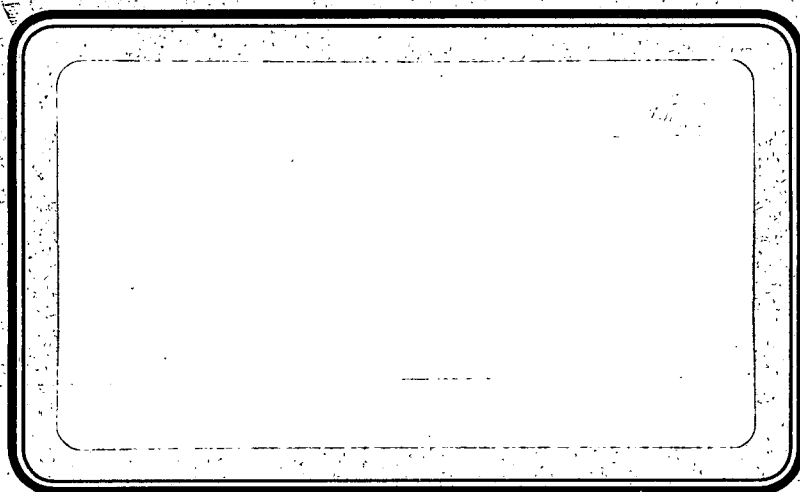


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# Central Testing Laboratory

Engineering and Materials Testing



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JUN 29 1998

Department of Environmental Protection

SOUTHWEST DISTRICT

BY \_\_\_\_\_

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



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 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
(x) Intermediate  
( ) Compliance

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

Groundwater Elevation  
(above MSL) 47.59 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	20.7	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	91	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.0000846	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0112	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000136	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.000280	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.00365	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.01	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000925	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00104	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	2.65	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0102	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	2.6602	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000431	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	2.95	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	pg/p	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 4060A12054  
 Well Name MONITOR WELL 1  
 Classification of Groundwater G-II

Sample Date 04-29-98  
 Well Type ( ) Background  
 ( ) Site Boundary  
 (x) Intermediate  
 ( ) Compliance  
 Groundwater Elevation  
 (above MSL) 47.59 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
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	pg/p	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  
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Sample Collection (Yes/No) YES

Groundwater Elevation  
(above MSL) 47.59 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	bg/b	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	bg/b	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	bg/b	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	bg/b	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	bg/b	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	bg/b	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	bg/b	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	bg/b	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.010	bg/b	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	bg/b	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	bg/b	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	bg/b	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	bg/b	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	bg/b	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	bg/b	UNFILTERED	NONE

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(above MSL) 47.59 ft.

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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	pg/p	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	pg/p	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	pg/p	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	pg/p	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	pg/p	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	pg/p	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	pg/p	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	pg/p	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	pg/p	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	pg/p	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	pg/p	UNFILTERED	NONE
	ALUMINUM	GRAB	EPA 200.7	.202	mg/p	UNFILTERED	HNO <sub>3</sub>
	CHLORIDE	GRAB	EPA 325.3	16.5	mg/p	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00147	mg/p	UNFILTERED	HNO <sub>3</sub>

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

Sample Date 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
(x) Intermediate  
( ) Compliance

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

Groundwater Elevation  
(above MSL) 47.59 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/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0254	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	5.80	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.0000651	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	7.15	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	104	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	25.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00320	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.262	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	6.20	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.000500	mg/p	UNFILTERED	NONE

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

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

Sample Date 04-29-98  
Well Type  Background  
 Site Boundary  
 Intermediate  
 Compliance

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

Groundwater Elevation  
(above MSL) 47.48 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	19.7	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	242	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000598	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0207	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.00125	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00632	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0161	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.122	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00247	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00704	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	.530	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.237	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	.767	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000472	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	13.3	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	µg/p	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	µg/p	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	µg/p	UNFILTERED	NONE

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

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

Sample Date 04-29-98  
Well Type  Background  
 Site Boundary  
 Intermediate  
 Compliance  
Groundwater Elevation  
(above MSL) 47.48 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	bg/b	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	bg/b	UNFILTERED	NONE

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

GMS# 406000092  
Monitoring Well 4060A12055  
Well Name MONITOR WELL 2  
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Sample Date 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
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( ) Compliance

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

Groundwater Elevation  
(above MSL) 47.48 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	bg/p	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	bg/p	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	bg/p	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	bg/p	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	bg/p	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	bg/p	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	bg/p	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	bg/p	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	bg/p	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	bg/p	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	bg/p	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	bg/p	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	bg/p	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	bg/p	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	bg/p	UNFILTERED	NONE

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

GMS# 406000092

Sample Date 04-29-98

Monitoring Well 4060A12055

Well Type (x) Background

Well Name MONITOR WELL 2

( ) Site Boundary

Classification of Groundwater G-II

( ) Intermediate

( ) Compliance

Well Developed\* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 47.48 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
39400	TOXAPHENE	GRAB	EPA 508	<0.1	bg/p	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	bg/p	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	bg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	bg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	bg/p	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	bg/p	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	bg/p	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	bg/p	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	bg/p	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	bg/p	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	bg/p	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	bg/p	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	bg/p	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	bg/p	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	bg/p	UNFILTERED	NONE
ALUMINUM	GRAB	EPA 200.7	1.29	mg/p	UNFILTERED	HNO <sub>3</sub>	
CHLORIDE	GRAB	EPA 325.3	28.4	mg/p	UNFILTERED	NONE	
000080	COLOR	GRAB	EPA 110.1	100.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00813	mg/p	UNFILTERED	HNO <sub>3</sub>

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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

Sample Date 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 47.48 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	0.122	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	1.20	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.62	ST. UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.00009675	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	8.07	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	206	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	280	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.0435	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.0816	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	38.0	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	.760	mg/p	UNFILTERED	NONE

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

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

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

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

Sample Date 04-29-98  
Well Type ( ) Background  
(x) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 47.53 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	22.1	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	800	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000585	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0105	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00114	µg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0115	µg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0361	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000764	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00292	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	20.6	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0807	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	20.6807	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.00166	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	47.5	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
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 04-29-98  
Well Type ( ) Background  
(x) Site Boundary  
( ) Intermediate  
( ) Compliance

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

Groundwater Elevation  
(above MSL) 47.53 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	bg/p	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	bg/p	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 04-29-98  
Well Type ( ) Background  
(x) Site Boundary  
( ) Intermediate  
( ) Compliance

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

Groundwater Elevation  
(above MSL) 47.53 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	pg/b	UNFILTERED	NONE
	1,2,4-TRICHLOROBENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	1,1,2-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	pg/b	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	pg/b	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	pg/b	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	pg/b	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	pg/b	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	pg/b	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	pg/b	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	pg/b	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	pg/b	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	pg/b	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	pg/b	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	pg/b	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	pg/b	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	pg/b	UNFILTERED	NONE

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

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

Sample Date 04-29-98  
Well Type ( ) Background  
(x) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 47.53 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	bg/b	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	bg/b	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	bg/b	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	bg/b	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	bg/b	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	bg/b	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	bg/b	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	bg/b	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	bg/b	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	bg/b	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	bg/b	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	bg/b	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	bg/b	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	bg/b	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	bg/b	UNFILTERED	NONE
	ALUMINUM CHLORIDE	GRAB	EPA 200.7	.0181	mg/p	UNFILTERED	HNO <sub>3</sub>
			GRAB	EPA 325.3	73.0	mg/p	UNFILTERED
000080	COLOR	GRAB	EPA 110.1	<5.0	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00183	mg/p	UNFILTERED	HNO <sub>3</sub>

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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 04-29-98  
 Well Type ( ) Background  
 (x) Site Boundary  
 ( ) Intermediate  
 ( ) Compliance  
 Groundwater Elevation  
 (above MSL) 47.53 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	0.0361	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0967	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.63	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.000351	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	6.43	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	490	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	5.70	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00341	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.0208	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	16.3	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	0.000500	mg/p	UNFILTERED	NONE

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

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

Sample Date 04-29-98  
 Well Type ( ) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 (x) Compliance  
 Groundwater Elevation  
 (above MSL) 48.46 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	21.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	170	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000386	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00520	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.000970	mg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0113	mg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0257	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000430	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00210	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	5.43	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	0.0234	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.4534	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000667	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	4.36	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
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.

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 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 48.46 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	pg/b	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	pg/b	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 6A  
Classification of Groundwater G-II

Sample Date 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 48.46 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	pg/p	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	pg/p	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	pg/p	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	pg/p	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	pg/p	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	pg/p	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	pg/p	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	pg/p	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	pg/p	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	pg/p	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	pg/p	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	pg/p	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	pg/p	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 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 48.46 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	pg/p	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	pg/p	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	pg/p	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	pg/p	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	pg/p	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	pg/p	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	pg/p	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	pg/p	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	pg/p	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	pg/p	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	pg/p	UNFILTERED	NONE
	ALUMINUM CHLORIDE	GRAB	EPA 200.7	0.132	mg/p	UNFILTERED	HNO <sub>3</sub>
			GRAB	EPA 325.3	9.50	mg/p	UNFILTERED
000080	COLOR	GRAB	EPA 110.1	55.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.00118	mg/p	UNFILTERED	HNO <sub>3</sub>

\*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 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 48.46 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	0.0257	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0885	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.0	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.53	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.000104	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	7.47	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	208	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	66.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00228	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.0533	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	6.90	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	.000500	mg/p	UNFILTERED	NONE

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

GMS# 4060C00092

Sample Date 04-29-98

Monitoring Well 4060A14304

Well Type ( ) Background

Well Name MONITOR WELL 7

( ) Site Boundary

Classification of Groundwater G-II

( ) Intermediate

(x) Compliance

Well Developed\* Prior to

Groundwater Elevation

Sample Collection (Yes/No) YES

(above MSL) 47.81 ft.

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERVATIVES ADDED
000010	TEMPERATURE	GRAB	EPA 170.1	20.5	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	213	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000293	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00499	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.000640	mg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.00898	mg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0121	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.000413	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00170	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	5.59	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	<0.01	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	5.60	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000533	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	5.10	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
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.

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

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

Sample Date 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 47.81 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	pg/b	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE

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

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

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

Sample Date 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance

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

Groundwater Elevation  
(above MSL) 47.81 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	bg/p	UNFILTERED	NONE
	1,2,4-TRICHLOROBENZENE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	1,1,2-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	bg/p	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	bg/p	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	bg/p	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	bg/p	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	bg/p	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	bg/p	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	bg/p	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	bg/p	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	bg/p	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	bg/p	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	bg/p	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	bg/p	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	bg/p	UNFILTERED	NONE
34671	POLYCHLORINATED	GRAB	EPA 508	<0.1	bg/p	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLOROPHENOL	GRAB	EPA 515	<0.04	bg/p	UNFILTERED	NONE

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

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

Sample Date 04-29-98  
Well Type ( ) Background  
( ) Site Boundary  
( ) Intermediate  
(x) Compliance  
Groundwater Elevation  
(above MSL) 47.81 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	pg/p	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	pg/p	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	pg/p	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	pg/p	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	pg/p	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9.0	pg/p	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	pg/p	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2.0	pg/p	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	pg/p	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	pg/p	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	pg/p	UNFILTERED	NONE
	ALUMINUM CHLORIDE	GRAB	EPA 200.7	0.0220	mg/p	UNFILTERED	HNO <sub>3</sub>
		GRAB	EPA 325.3	10.7	mg/p	UNFILTERED	NONE
000080	COLOR	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.000552	mg/p	UNFILTERED	HNO <sub>3</sub>

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DER Form 17-1.216(2)

Effective January 1, 1983

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

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

Sample Date 04-29-98  
 Well Type ( ) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 (x) Compliance  
 Groundwater Elevation  
 (above MSL) 47.81 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	0.0121	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.0395	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1.00	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	7.14	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	0.0000880	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	4.76	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	218	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	128.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00292	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.113	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra- & U	GRAB	EPA 900	3.00	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	.000500	mg/p	UNFILTERED	NONE

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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 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 49.10 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	20.8	°C	UNFILTERED	NONE
000095	SPECIFIC CONDUCTANCE	GRAB	EPA 120.1	473	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	<0.003	mg/p	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.000496	mg/p	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.00659	mg/p	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.000470	mg/p	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0139	mg/p	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/p	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	<0.0100	mg/p	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.0004400	mg/p	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	<0.0002	mg/p	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00313	mg/p	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	2.26	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	<0.01	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	2.27	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000738	mg/p	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	7.31	mg/p	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/p	UNFILTERED	HNO <sub>3</sub>
039715	VINYL CHLORIDE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034030	BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
032101	CARBON TETRACHLORIDE	GRAB	EPA 502.2	<0.500	pg/p	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

Sample Date 04-29-98  
 Well Type  Background  
 Site Boundary  
 Intermediate  
 Compliance  
 Groundwater Elevation  
 (above MSL) 49.10 ft.

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

STORET CODE	PARAMETER MONITORED	SAMPLING METHOD	ANALYSIS METHOD	ANALYSIS RESULTS	UNITS	SAMPLE FILTERED/ UNFILTERED	PRESERV ATIVES ADDED
034531	1,2-DICHLORO-ETHANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034506	1,1,1-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/b	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	pg/b	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 4060A17008  
Well Name MONITOR WELL 8  
Classification of Groundwater G-II

Sample Date 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 49.10 ft.

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

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

Sample Date 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 49.10 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	pg/b	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	pg/b	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	pg/b	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	pg/b	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	pg/b	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	pg/b	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	pg/b	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	pg/b	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	pg/b	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	pg/b	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	pg/b	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	pg/b	UNFILTERED	NONE
	BENZO(a) PYRENE	GRAB	EPA 550	<0.02	pg/b	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	pg/b	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	pg/b	UNFILTERED	NONE
ALUMINUM	GRAB	EPA 200.7	0.00229	mg/b	UNFILTERED	HNO <sub>3</sub>	
CHLORIDE	GRAB	EPA 325.3	20.1	mg/b	UNFILTERED	NONE	
000080	COLOR	GRAB	EPA 110.1	10.00	PTU	UNFILTERED	NONE
	COPPER	GRAB	EPA 220.1	0.0167	mg/b	UNFILTERED	HNO <sub>3</sub>

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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 04-29-98  
 Well Type (x) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 ( ) Compliance  
 Groundwater Elevation  
 (above MSL) 49.10 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/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.1	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.192	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.74	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	<0.00005	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	4.76	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	298	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	2.10	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.00964	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.125	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	3.20	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	.0106	mg/p	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 04-29-98  
Well Type  Background  
 Site Boundary  
 Intermediate  
 Compliance  
Groundwater Elevation  
(above MSL) 47.95 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	778	umhos	UNFILTERED	NONE
	ANTIMONY	GRAB	EPA 204.2	0.00494	mg/l	UNFILTERED	HNO <sub>3</sub>
	ARSENIC	GRAB	EPA 206.3	0.00187	mg/l	UNFILTERED	HNO <sub>3</sub>
	BARIUM	GRAB	EPA 200.7	0.0214	mg/l	UNFILTERED	HNO <sub>3</sub>
	BERYLLIUM	GRAB	EPA 210.1	0.000147	mg/l	UNFILTERED	HNO <sub>3</sub>
001027	CADMIUM	GRAB	EPA 200.7	0.00414	µg/l	UNFILTERED	HNO <sub>3</sub>
001034	CHROMIUM	GRAB	EPA 200.7	0.0257	µg/l	UNFILTERED	HNO <sub>3</sub>
	CYANIDE	GRAB	EPA 335.2	<0.005	mg/l	UNFILTERED	NaOH
	FLUORIDE	GRAB	EPA 340.2	0.0144	mg/l	UNFILTERED	NONE
	LEAD	GRAB	EPA 239.1	0.00796	mg/l	UNFILTERED	HNO <sub>3</sub>
	MERCURY	GRAB	EPA 245.1	0.000415	mg/l	UNFILTERED	HNO <sub>3</sub>
	NICKEL	GRAB	EPA 200.7	0.00906	mg/l	UNFILTERED	HNO <sub>3</sub>
000620	NITRATE	GRAB	EPA 353.1	0.207	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	NITRITE	GRAB	EPA 354.1	<0.0100	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	TOTAL NITRATE AND NITRITE	GRAB	EPA 343.1	0.217	mg/l	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	SELENIUM	GRAB	EPA 270.3	0.000975	mg/l	UNFILTERED	HNO <sub>3</sub>
000929	SODIUM	GRAB	EPA 200.7	12.7	mg/l	UNFILTERED	NONE
	THALLIUM	GRAB	EPA 279.2	<0.0001	mg/l	UNFILTERED	HNO <sub>3</sub>
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 4060A17009  
 Well Name MONITOR WELL 9  
 Classification of Groundwater G-II

Sample Date 04-29-98  
 Well Type (x) Background  
 ( ) Site Boundary  
 ( ) Intermediate  
 ( ) Compliance

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

Groundwater Elevation  
 (above MSL) 47.95 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	pg/p	UNFILTERED	NONE
039180	TRICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34571	PARA-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34501	1,1-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034506	1,1,1-TRICHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	CIS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34541	1,2-DICHLORO-PROPANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34371	ETHYLBENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34301	MONOCHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34536	o-DICHLORO-BENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	STYRENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
034475	TETRACHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
34010	TOLUENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	TRANS-1,2-DICHLORO-ETHYLENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	XYLENES (TOTAL)	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE

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

GMS# 4060C00092  
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Sample Date 04-29-98  
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Groundwater Elevation  
(above MSL) 47.95 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
34423	DICHLORO-METHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	1,2,4-TRI-CHLOROBENZENE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	1,1,2-TRI-CHLOROETHANE	GRAB	EPA 502.2	<0.500	pg/p	UNFILTERED	NONE
	ALACHLOR	GRAB	EPA 505	<0.2	pg/p	UNFILTERED	NONE
	ATRAZINE	GRAB	EPA 505	<0.1	pg/p	UNFILTERED	NONE
	CARBOFURAN	GRAB	EPA 531	<0.9	pg/p	UNFILTERED	NONE
39350	CHLORDANE	GRAB	EPA 508	<0.01	pg/p	UNFILTERED	NONE
	DIBROMOCHLOROPROPANE	GRAB	EPA 504	<0.02	pg/p	UNFILTERED	NONE
	2,4-D	GRAB	EPA 515	<0.05	pg/p	UNFILTERED	NONE
39390	ENDRIN	GRAB	EPA 508	<0.001	pg/p	UNFILTERED	NONE
	ETHYLENE DIBROMIDE	GRAB	EPA 504	<0.005	pg/p	UNFILTERED	NONE
39410	HEPTACHLOR	GRAB	EPA 508	<0.005	pg/p	UNFILTERED	NONE
39420	HEPTACHLOR EPOXIDE	GRAB	EPA 508	<0.005	pg/p	UNFILTERED	NONE
	LINDANE	GRAB	EPA 508	<0.001	pg/p	UNFILTERED	NONE
	METHOXYCHLOR	GRAB	EPA 508	<0.01	pg/p	UNFILTERED	NONE
34671	POLYCHLOR-INATED	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
39488							
39492	BIPHENYL (PCB)						
39496							
39500							
39504							
39508							
	PENTACHLORO-PHENOL	GRAB	EPA 515	<0.04	pg/p	UNFILTERED	NONE

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Effective January 1, 1983

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

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

Sample Date 04-29-98  
Well Type (x) Background  
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( ) Compliance  
Groundwater Elevation  
(above MSL) 47.95 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	pg/p	UNFILTERED	NONE
	2,4,5-TP (SILVEX)	GRAB	EPA 515	<0.02	pg/p	UNFILTERED	NONE
	DALAPON	GRAB	EPA 515	<0.001	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) PHTHA- LATE	GRAB	EPA 606	<0.6	pg/p	UNFILTERED	NONE
	DI(2-ETHYL- HEXYL) ADIPATE	GRAB	EPA 506	<0.6	pg/p	UNFILTERED	NONE
	DINOSEB	GRAB	EPA 515	<0.01	pg/p	UNFILTERED	NONE
	DIQUAT	GRAB	EPA 549	<0.4	pg/p	UNFILTERED	NONE
	ENDOTHALL	GRAB	EPA 548	<9	pg/p	UNFILTERED	NONE
	GLYPHOSATE	GRAB	EPA 547	<0.6	pg/p	UNFILTERED	NONE
	HEXACHLORO- BENZENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	HEXACHLORO- CYCLO- PENTADIENE	GRAB	EPA 508	<0.1	pg/p	UNFILTERED	NONE
	OXAMYL (VYDATE)	GRAB	EPA 531	<2	pg/p	UNFILTERED	NONE
	BENZO (a) PYRENE	GRAB	EPA 550	<0.02	pg/p	UNFILTERED	NONE
	PICLORAM	GRAB	EPA 515	<0.07	pg/p	UNFILTERED	NONE
	SIMAZINE	GRAB	EPA 505	<0.07	pg/p	UNFILTERED	NONE
	ALUMINUM CHLORIDE	GRAB	EPA 200.7	0.162	mg/p	UNFILTERED	HNO <sub>3</sub>
000080	COLOR	GRAB	EPA 325.3	16.5	mg/p	UNFILTERED	NONE
	COPPER	GRAB	EPA 110.1	15.00	PTU	UNFILTERED	NONE
			EPA 220.1	0.0762	mg/p	UNFILTERED	HNO <sub>3</sub>

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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

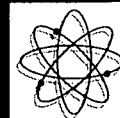
Sample Date 04-29-98  
Well Type (x) Background  
( ) Site Boundary  
( ) Intermediate  
( ) Compliance  
Groundwater Elevation  
(above MSL) 47.95 ft.

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	0.0144	mg/p	UNFILTERED	NONE
	FOAMING AGENTS	GRAB	EPA 425.1	<0.100	mg/p	UNFILTERED	NONE
900219	IRON	GRAB	EPA 236.1	0.890	mg/p	UNFILTERED	HNO <sub>3</sub>
	ODOR	GRAB	EPA 140.1	<1	TON	UNFILTERED	NONE
000400	Ph	GRAB	EPA 150.1	6.60	ST.UN.	UNFILTERED	HNO <sub>3</sub>
	SILVER	GRAB	EPA 200.7	<0.00005	mg/p	UNFILTERED	NONE
000945	SULFATE	GRAB	EPA 300.0	3.56	mg/p	UNFILTERED	HNO <sub>3</sub>
070300	TOTAL DISSOLVED SOLIDS	GRAB	EPA 160.1	480	mg/p	UNFILTERED	NONE
082079	TURBIDITY	GRAB	EPA 180.1	15.0	NTU	UNFILTERED	NONE
900221	ZINC	GRAB	EPA 289.1	0.101	mg/p	UNFILTERED	HNO <sub>3</sub>
	AMMONIUM	GRAB	EPA 350.1	0.548	mg/p	UNFILTERED	H <sub>2</sub> SO <sub>4</sub>
	GROSS ALPHA Excl. Ra & U	GRAB	EPA 900	10.4	pCi/p	UNFILTERED	HNO <sub>3</sub>
	MANGANESE	GRAB	EPA 200.7	.0591	mg/p	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



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

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL1  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17243

Parameter	Unit	Method	%ACC	%PRC	17243
		Detection Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.0000846
Barium	mg/L	0.000400	103.	.480	0.0112
Cadmium	mg/L	0.000100	110.	1.42	0.000280
Chromium	mg/L	0.000200	106.	5.27	0.00365
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			<0.0100
Lead	mg/L	0.000100	98.7	1.03	0.000925
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00104
Nitrate(as N)	mg/L	0.0100	95.9	25.7	2.65
Nitrite(as N)	mg/L	0.0100	90.3	2.28	0.0102
Selenium	mg/L	0.000300	108.	1.50	0.000431
Sodium	mg/L	0.00100	91.2	2.09	2.95
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	0.000136
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.202
Chloride	mg/L	0.100			16.5
Copper	mg/L	0.000200	114.	6.54	0.00147
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	91.3	1.19	0.0254
Manganese	mg/L	0.0000400	88.1	.000	0.000500
Silver	mg/L	0.0000500	96.1	4.22	0.0000651
Sulfate	mg/L	1.00	123.	10.0	7.15
Zinc	mg/L	0.000700	89.0	5.85	0.00320

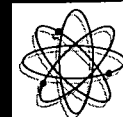
Data Release Authorization

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

Jefferson S. Flowers, Ph.D.

Serving Your Analytical and Environmental Needs Since 1957

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FAX: (407) 260-6110



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

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL2  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17244

Parameter	Unit	Method	%ACC	%PRC	17244
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.000598
Barium	mg/L	0.000400	103.	.480	0.0207
Cadmium	mg/L	0.000100	110.	1.42	0.00632
Chromium	mg/L	0.000200	106.	5.27	0.0161
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			0.122
Lead	mg/L	0.000100	98.7	1.03	0.00247
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00704
Nitrate(as N)	mg/L	0.0100	95.9	25.7	0.530
Nitrite(as N)	mg/L	0.0100	90.3	2.28	0.237
Selenium	mg/L	0.000300	108.	1.50	0.000472
Sodium	mg/L	0.00100	91.2	2.09	13.3
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	0.00125
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	1.29
Chloride	mg/L	0.100			28.4
Copper	mg/L	0.000200	114.	6.54	0.00813
Fluoride	mg/L	0.0100			0.122
Iron	mg/L	0.000200	91.3	1.19	1.20
Manganese	mg/L	0.0000400	88.1	.000	0.760
Silver	mg/L	0.0000500	96.1	4.22	0.0000967
Sulfate	mg/L	1.00	123.	10.0	8.07
Zinc	mg/L	0.000700	89.0	5.85	0.0435

Data Release Authorization

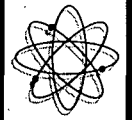
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Received From:  
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PO Box 883  
Floral City, FL 34436

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL4  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17245

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.000585
Barium	mg/L	0.000400	103.	.480	0.0105
Cadmium	mg/L	0.000100	110.	1.42	0.00114
Chromium	mg/L	0.000200	106.	5.27	0.0115
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			0.0361
Lead	mg/L	0.000100	98.7	1.03	0.000764
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00292
Nitrate(as N)	mg/L	0.0100	95.9	25.7	20.6
Nitrite(as N)	mg/L	0.0100	90.3	2.28	0.0807
Selenium	mg/L	0.000300	108.	1.50	0.00166
Sodium	mg/L	0.00100	91.2	2.09	47.5
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	<0.000100
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.0181
Chloride	mg/L	0.100			73.0
Copper	mg/L	0.000200	114.	6.54	0.00183
Fluoride	mg/L	0.0100			0.0361
Iron	mg/L	0.000200	91.3	1.19	0.0967
Manganese	mg/L	0.0000400	88.1	.000	0.000500
Silver	mg/L	0.0000500	96.1	4.22	0.000351
Sulfate	mg/L	1.00	123.	10.0	6.43
Zinc	mg/L	0.000700	89.0	5.85	0.00341

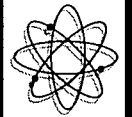
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

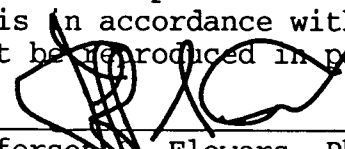
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Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17246

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.000386
Barium	mg/L	0.000400	103.	.480	0.00520
Cadmium	mg/L	0.000100	110.	1.42	0.000970
Chromium	mg/L	0.000200	106.	5.27	0.0113
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			0.0257
Lead	mg/L	0.000100	98.7	1.03	0.000430
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00210
Nitrate(as N)	mg/L	0.0100	95.9	25.7	5.43
Nitrite(as N)	mg/L	0.0100	90.3	2.28	0.0234
Selenium	mg/L	0.000300	108.	1.50	0.000667
Sodium	mg/L	0.00100	91.2	2.09	4.36
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	<0.000100
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.132
Chloride	mg/L	0.100			9.50
Copper	mg/L	0.000200	114.	6.54	0.00118
Fluoride	mg/L	0.0100			0.0257
Iron	mg/L	0.000200	91.3	1.19	0.0885
Manganese	mg/L	0.0000400	88.1	.000	0.000500
Silver	mg/L	0.0000500	96.1	4.22	0.000104
Sulfate	mg/L	1.00	123.	10.0	7.47
Zinc	mg/L	0.000700	89.0	5.85	0.00228

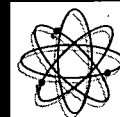
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL7  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17247

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.000293
Barium	mg/L	0.000400	103.	.480	0.00499
Cadmium	mg/L	0.000100	110.	1.42	0.000640
Chromium	mg/L	0.000200	106.	5.27	0.00898
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			0.0121
Lead	mg/L	0.000100	98.7	1.03	0.000413
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00170
Nitrate(as N)	mg/L	0.0100	95.9	25.7	5.59
Nitrite(as N)	mg/L	0.0100	90.3	2.28	<0.0100
Selenium	mg/L	0.000300	108.	1.50	0.000533
Sodium	mg/L	0.00100	91.2	2.09	5.10
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	<0.000100
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.0220
Chloride	mg/L	0.100			10.7
Copper	mg/L	0.000200	114.	6.54	0.000552
Fluoride	mg/L	0.0100			0.0121
Iron	mg/L	0.000200	91.3	1.19	0.0395
Manganese	mg/L	0.0000400	88.1	.000	0.000500
Silver	mg/L	0.0000500	96.1	4.22	0.0000880
Sulfate	mg/L	1.00	123.	10.0	4.76
Zinc	mg/L	0.000700	89.0	5.85	0.00292

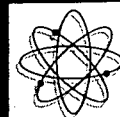
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17248

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Arsenic	mg/L	0.0000500	97.3	1.37	0.000496
Barium	mg/L	0.000400	103.	.480	0.00659
Cadmium	mg/L	0.000100	110.	1.42	0.000470
Chromium	mg/L	0.000200	106.	5.27	0.0139
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			<0.0100
Lead	mg/L	0.000100	98.7	1.03	0.000440
Mercury	mg/L	0.000200	107.	10.5	<0.000200
Nickel	mg/L	0.000200	109.	3.09	0.00313
Nitrate(as N)	mg/L	0.0100	95.9	25.7	2.26
Nitrite(as N)	mg/L	0.0100	90.3	2.28	<0.0100
Selenium	mg/L	0.000300	108.	1.50	0.000738
Sodium	mg/L	0.00100	91.2	2.09	7.31
Antimony	mg/L	0.00300	108.	10.6	<0.00300
Beryllium	mg/L	0.000100	104.	5.93	<0.000100
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.00229
Chloride	mg/L	0.100			20.1
Copper	mg/L	0.000200	114.	6.54	0.0167
Fluoride	mg/L	0.0100			<0.0100
Iron	mg/L	0.000200	91.3	1.19	0.192
Manganese	mg/L	0.0000400	88.1	.000	0.0106
Silver	mg/L	0.0000500	96.1	4.22	<0.0000500
Sulfate	mg/L	1.00	123.	10.0	4.76
Zinc	mg/L	0.000700	89.0	5.85	0.00964

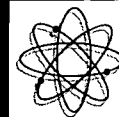
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FloralCity, FL 34436

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9

Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17249

Parameter	Unit	Method Detection Limit	%ACC	%PRC	
Arsenic	mg/L	0.0000500	97.3	1.37	0.00187
Barium	mg/L	0.000400	103.	.480	0.0214
Cadmium	mg/L	0.000100	110.	1.42	0.00414
Chromium	mg/L	0.000200	106.	5.27	0.0257
Cyanide	mg/L	0.00500	98.8	.000	<0.00500
Fluoride	mg/L	0.0100			0.0144
Lead	mg/L	0.000100	98.7	1.03	0.00796
Mercury	mg/L	0.000200	107.	10.5	0.000415
Nickel	mg/L	0.000200	109.	3.09	0.00906
Nitrate(as N)	mg/L	0.0100	95.9	25.7	0.207
Nitrite(as N)	mg/L	0.0100	90.3	2.28	<0.0100
Selenium	mg/L	0.000300	108.	1.50	0.000975
Sodium	mg/L	0.00100	91.2	2.09	12.7
Antimony	mg/L	0.00300	108.	10.6	0.00494
Beryllium	mg/L	0.000100	104.	5.93	0.000147
Thallium	mg/L	0.000100	100.	.590	<0.000100
Asbestos	MF/L	1.00			-
Aluminum	mg/L	0.00100	83.0	6.05	0.162
Chloride	mg/L	0.100			16.5
Copper	mg/L	0.000200	114.	6.54	0.0762
Fluoride	mg/L	0.0100			0.0144
Iron	mg/L	0.000200	91.3	1.19	0.890
Manganese	mg/L	0.0000400	88.1	.000	0.0591
Silver	mg/L	0.0000500	96.1	4.22	<0.0000500
Sulfate	mg/L	1.00	123.	10.0	3.56
Zinc	mg/L	0.000700	89.0	5.85	0.101

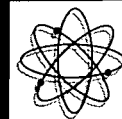
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PO Box 883  
Floral City, FL 34436

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL1  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17243

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num)	TON	1.00			<1.00
pH	pH	0.0100	101.	.680	6.28
TDS	mg/L	2.50	108.	4.82	104.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
TTHM	mg/L	0.00100	101.	.320	<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	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
Trichloroethene	ug/L	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
Tetrachloroethene	ug/L	0.500	103.	.050	<0.500
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200
Toluene	ug/L	0.500	97.9	1.41	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500

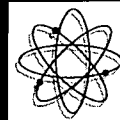
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL2  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17244

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Color (color units)	PCU	5.00			100.
Odor (total odor num)	TON	1.00			<1.00
	pH	0.0100	101.	.680	7.56
	TDS	2.50	108.	4.82	206.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
	TTHM	0.00100	101.	.320	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
	Xylene	0.500	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
Trichloroethene	ug/L	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
Tetrachloroethene	ug/L	0.500	103.	.050	<0.500
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200
Toluene	ug/L	0.500	97.9	1.41	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500

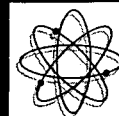
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Floral City, FL 34436

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL4  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17245

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	0.0100	101.	.680	7.30
	TDS	2.50	108.	4.82	490.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
	TTHM	0.00100	101.	.320	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
	Xylene	0.500	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
Trichloroethene	ug/L	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
Tetrachloroethene	ug/L	0.500	103.	.050	<0.500
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200
Toluene	ug/L	0.500	97.9	1.41	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500

Data Release Authorization

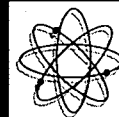
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL6A  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

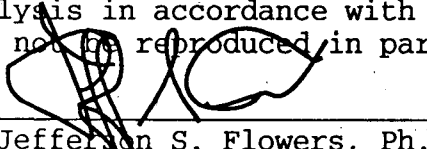
REPORT OF ANALYSIS

17246

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Color (color units)	PCU	5.00			55.0
Odor (total odor num)	TON	1.00			<1.00
	pH	0.0100	101.	.680	7.98
	TDS	2.50	108.	4.82	208.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
	TTHM	0.00100	101.	.320	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
	Xylene	0.500	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
	Vinyl chloride	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
	Trichloroethene	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
	Tetrachloroethene	0.500	103.	.050	<0.500
	Chlorobenzene	0.500	102.	1.31	<0.500
	Benzene	0.200	110.	1.31	<0.200
	Toluene	0.500	97.9	1.41	<0.500
	Ethylbenzene	0.500	105.	.720	<0.500

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

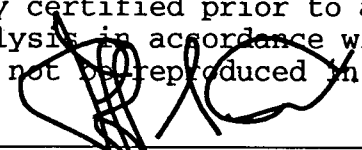
For: SL7  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17247

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num)	TON	1.00			<1.00
	pH	0.0100	101.	.680	7.80
	TDS	2.50	108.	4.82	218.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
	TTHM	0.00100	101.	.320	<0.00100
1,2,4-trichlorobenze	ug/L	0.500			<0.500
cis-1,2-dichloroethe	ug/L	0.500			<0.500
	Xylene	0.500	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
	Vinyl chloride	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
	Trichloroethene	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
	Tetrachloroethene	0.500	103.	.050	<0.500
	Chlorobenzene	0.500	102.	1.31	<0.500
	Benzene	0.200	110.	1.31	<0.200
	Toluene	0.500	97.9	1.41	<0.500
	Ethylbenzene	0.500	105.	.720	<0.500

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17248

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	0.0100	101.	.680	7.23
	TDS mg/L	2.50	108.	4.82	298.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
	TTHM mg/L	0.00100	101.	.320	<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	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
Trichloroethene	ug/L	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
Tetrachloroethene	ug/L	0.500	103.	.050	<0.500
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200
Toluene	ug/L	0.500	97.9	1.41	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500

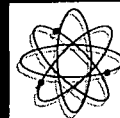
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

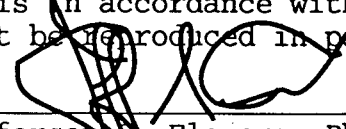
REPORT OF ANALYSIS

17249

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Color (color units)	PCU	5.00			15.0
Odor (total odor num	TON	1.00			<1.00
pH	pH	0.0100	101.	.680	7.01
TDS	mg/L	2.50	108.	4.82	480.
Foaming_Agents	mg/L	0.100	73.2	.080	<0.100
TTHM	mg/L	0.00100	101.	.320	<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	95.2	1.30	<0.500
Methylene chloride	ug/L	0.500	94.1	1.67	<0.500
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500
Vinyl chloride	ug/L	0.500			<0.500
1,1-dichloroethene	ug/L	0.500	92.6	.510	<0.500
t-1,2-dichloroethene	ug/L	0.500			<0.500
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300
1,1,1-trichloroethan	ug/L	0.500	103.	1.54	<0.500
Carbon tetrachloride	ug/L	0.500	106.	.960	<0.500
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250
Trichloroethene	ug/L	0.500			<0.500
1,1,2-trichloroethan	ug/L	0.500	105.	.410	<0.500
Tetrachloroethene	ug/L	0.500	103.	.050	<0.500
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200
Toluene	ug/L	0.500	97.9	1.41	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL1  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17243

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL2  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17244
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

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Received From:  
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL4  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17245

Parameter	Unit	Method Detection Limit	%ACC	%PRC	
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

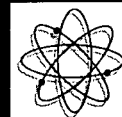
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Received From:  
Cent. Testing Lab  
PO Box 883  
Floral City, FL 34436

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL6A  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17246

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

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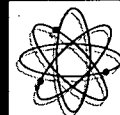
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019


For: SL7  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17247

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

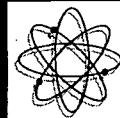
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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17248
		Detection Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

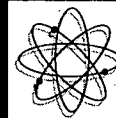
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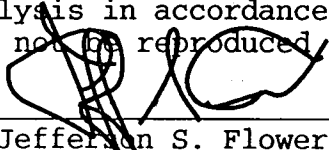
Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	17249
		Detection Limit			
Styrene	ug/L	0.500			<0.500
Endrin	ug/L	0.00100	86.0	2.21	<0.00100
Lindane	ug/L	0.00100	106.	.250	<0.00100
Methoxychlor	ug/L	0.0100	84.8	2.29	<0.0100
Toxaphene	ug/L	0.100			<0.100
Dalapon	ug/L	0.00100	92.7	5.28	<0.00100
Diquat	ug/L	0.400	89.9	3.79	<0.400
Endothall	ug/L	9.00	91.6	6.54	<9.00
Glyphosate	ug/L	6.00	84.1	2.64	<6.00
Di(2-ethylhexyl) adi	ug/L	0.600	83.2	7.52	<0.600
Oxamyl (Vydate)	ug/L	2.00	88.9	3.38	<2.00
Simazine	ug/L	0.0700	93.6	4.00	<0.0700
Bis(2-ethylhexyl)pht	ug/L	0.600	94.2	5.63	<0.600
Picloram	ug/L	0.0700	92.9	3.32	<0.0700
Dinoseb	ug/L	0.0100	94.6	.290	<0.0100
Hexachlorocyclopenta	ug/L	0.100	94.3	8.52	<0.100
Carbofuran	ug/L	0.900	80.1	2.43	<0.900
Atrazine	ug/L	0.100	99.2	4.99	<0.100
Alachlor (Lasso)	ug/L	0.200	98.9	1.07	<0.200
Dioxin	ug/L	0.0100			-
Heptachlor	ug/L	0.00500	90.3	1.71	<0.00500
Heptachlor_Epoxide	ug/L	0.00500	87.4	1.93	<0.00500
2,4-D	ug/L	0.0500	99.3	6.19	<0.0500
2,4,5-TP (Silvex)	ug/L	0.0200	89.0	1.24	<0.0200
Hexachlorobenzene	ug/L	0.100	89.9	1.95	<0.100
Benzo(a)pyrene	ug/L	0.0200	75.4	7.83	<0.0200

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

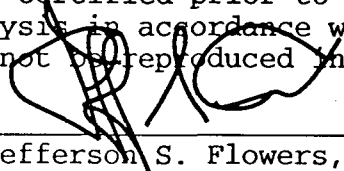
For: SL1  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

17243

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			6.20
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 : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL2  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

REPORT OF ANALYSIS

17244

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			38.0
Analysis Error	pCi/L	0.100			3.00
Photon emitters	pCi/L	0.100			-
Analysis_Error(Photo	pCi/L	0.100			-
Radium 226	pCi/L	0.100			-
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 : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

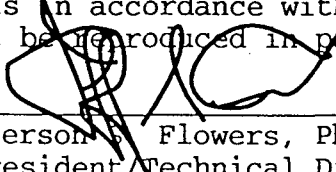
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Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

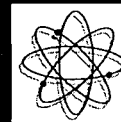
17245

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			13.6
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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Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL6A  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 17243-17249  
REPORT OF ANALYSIS

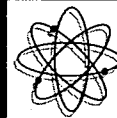
17246

Parameter	Unit	Method	%ACC	%PRC	
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			6.90
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			-

Data Release Authorization

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



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

Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL7

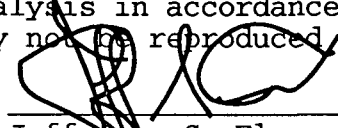
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

**REPORT OF ANALYSIS**

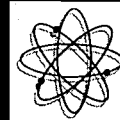
Parameter	Unit	Method	%ACC	%PRC	17247
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			3.00
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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NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL8

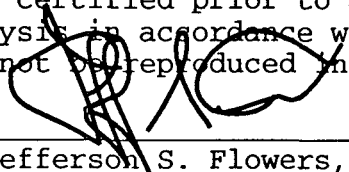
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249

**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	17248
		Detection Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			3.20
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			-

**Data Release Authorization**

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Date Reported : Jun 3 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: SL9  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 17243-17249  
**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	17249
		Detection			
		Limit			
Pentachlorophenol	ug/L	0.0400	93.3	1.24	<0.0400
Total_PCB	ug/L	0.100			<0.100
Dibromochloropropane	ug/L	0.0100	95.1	1.66	<0.0100
Ethylene dibromide	ug/L	0.0100	107.	3.90	<0.0100
Chlordane	ug/L	0.0100	89.8	1.98	<0.0100
Gross alpha	pCi/L	0.100			10.4
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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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		Analys	Date	
			17243	17244	17245	17246	17247	17248	17249	Method	MDL	%RSD	%Rec			
Arsenic	*	mg/L	0.0000846	0.000598	0.000585	0.000386	0.000293	0.000496	0.00187	EPA200.8	0.00005	1.3720244	97.359	LSM	04-30-98	
Barium	*	mg/L	0.0112	0.0207	0.0105	0.00520	0.00499	0.00659	0.0214	EPA200.8	0.0004	0.4829226	103.83333	LSM	04-30-98	
Cadmium	*	mg/L	0.000280	0.00632	0.00114	0.000970	0.000640	0.000470	0.00414	SM3113B	0.0001	1.4286281	110.6	LSM	05-06-98	
Chromium	*	mg/L	0.00365	0.0161	0.0115	0.0113	0.00898	0.0139	0.0257	EPA200.8	0.0002	5.2732275	106.25	LSM	04-30-98	
Cyanide	*	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	SM4500-C	0.005	0	98.855354	AV	05-05-98	
Fluoride	*	mg/L	<0.01	0.122	0.0361	0.0257	0.0121	<0.01	0.0144	SM4500F	0.01			DLB	04-30-98	
Lead	*	mg/L	0.000925	0.00247	0.000764	0.000430	0.000413	0.000440	0.00796	EPA200.8	0.0001	1.0350358	98.791666	LSM	04-30-98	
Mercury	*	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.000415	EPA245.1	0.0002	10.551140	107.38551	EVB	05-01-98	
Nickel	*	mg/L	0.00104	0.00704	0.00292	0.00210	0.00170	0.00313	0.00906	EPA200.8	0.0002	3.0956627	109.76666	LSM	04-30-98	
Nitrate(as N)	*	mg/L	2.65	0.530	20.6	5.43	5.59	2.26	0.207	EPA353.2	0.01	25.728131	95.947066	TRB	05-01-98	
Nitrite(as N)	*	mg/L	0.0102	0.237	0.0807	0.0234	<0.01	<0.01	<0.01	EPA353.2	0.01	2.2800030	90.390405	YGS	04-30-98	
Selenium	*	mg/L	0.000431	0.000472	0.00166	0.000667	0.000533	0.000798	0.000975	EPA200.8	0.0003	1.5010814	108.28166	LSM	04-30-98	
Sodium	*	mg/L	2.95	13.3	47.5	4.36	5.10	7.31	12.7	EPA200.7	0.001	2.0956031	91.25	LSM	05-11-98	
Antimony	*	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.00494	SM3113B	0.003	10.624651	108.6	LSM	05-07-98	
Beryllium	*	mg/L	0.000138	0.00125	<0.0001	<0.0001	<0.0001	<0.0001	0.000147	EPA200.8	0.0001	5.9346145	104.528	LSM	04-30-98	
Thallium	*	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	EPA200.8	0.0001	0.5909554	100.16666	LSM	04-30-98	
Asbestos	*	MF/L								TEM	1					
Aluminum	*	mg/L	0.202	1.29	0.0181	0.132	0.0220	0.00229	0.162	EPA200.8	0.001	6.0577328	83.066666	LSM	05-07-98	
Chloride	*	mg/L	16.5	28.4	73.0	9.50	10.7	20.1	16.5	EPA300	0.1			TRB	05-14-98	
Copper	*	mg/L	0.00147	0.00813	0.00183	0.00118	0.000552	0.0167	0.0762	EPA200.8	0.0002	6.5455307	114.38333	LSM	04-30-98	
Fluoride	*	mg/L	<0.01	0.122	0.0361	0.0257	0.0121	<0.01	0.0144	SM4500F	0.01			DLB	04-30-98	
Iron	*	mg/L	0.0254	1.20	0.0967	0.0885	0.0395	0.192	0.890	EPA200.7	0.0002	1.1879675	91.3	LSM	05-11-98	
Manganese	*	mg/L	<0.0005	0.760	<0.0005	<0.0005	<0.0005	0.0106	0.0591	EPA200.7	0.00004	0	88.1	LSM	05-11-98	
Silver	*	mg/L	0.0000651	0.0000967	0.000351	0.000104	0.0000880	<0.00005	<0.00005	EPA200.8	0.00005	4.2252529	96.1745	LSM	04-30-98	
Sulfate	*	mg/L	7.15	8.07	6.43	7.47	4.76	4.76	3.56	EPA375.4	1	10.088759	123.55024	TRB	05-01-98	
Zinc	*	mg/L	0.00320	0.0435	0.00341	0.00228	0.00292	0.00964	0.101	EPA200.8	0.0007	5.8501276	89	LSM	04-30-98	
Color (color units)	*	PCU	15.0	100	<5	55.0	15.0	10.0	15.0	SM2120B	5			DLB	04-29-98	
Odor (total odor number)	*	TON	<1	<1	<1	<1	<1	<1	<1	SM2150B	1			DLB	04-29-98	
pH (units)	*	pH	6.28	7.56	7.30	7.98	7.80	7.23	7.01	EPA150.1	0.01	0.6809534	101.08571	DLB	04-29-98	
Total Dissolved Solids	*	mg/L	104	206	490	208	218	298	480	SM2540C	2.5	4.8296140	108.33333	DLB	05-12-98	
Foaming Agents	*	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	SM5540C	0.1	0.0838608	73.266020	DLB	04-29-98	
TTHM	*	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	EPA502.2	0.001	0.323	101	EVB	04-30-98	
1,2,4-trichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5			EVB	04-30-98	
cis-1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5			EVB	04-30-98	
Xylene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	1.3	95.2	EVB	04-30-98	
Methylene chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	1.67	94.1	EVB	04-30-98	
o-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	1.44	101	EVB	04-30-98	
Para-dichlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	0.251	111	EVB	04-30-98	
Vinyl chloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5			EVB	04-30-98	
1,1-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	0.519	92.6	EVB	04-30-98	
t-1,2-dichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5			EVB	04-30-98	
1,2-dichloroethane	*	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	EPA502.2	0.3	0.936	105	EVB	04-30-98	
1,1,1-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	1.54	103	EVB	04-30-98	
Carbon tetrachloride	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	0.962	106	EVB	04-30-98	
1,2-dichloropropane	*	ug/L	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	EPA502.2	0.25	0.302	110	EVB	04-30-98	
Trichloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5			EVB	04-30-98	
1,1,2-trichloroethane	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	0.413	105	EVB	04-30-98	
Tetrachloroethene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	0.0546	103	EVB	04-30-98	
Chlorobenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	EPA502.2	0.5	1.31	102	EVB	04-30-98	
Benzene	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	EPA502.2	0.2	1.31	110	EVB	04-30-98	

Toluene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA502.2	0.5	1.41	97.9	EVB	04-30-98
Ethylbenzene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA502.2	0.5	0.72	105	EVB	04-30-98
Styrene	*	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			EPA502.2	0.5			EVB	04-30-98
Endrin	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA505	0.001	2.21	86	RAK	05-15-98
Lindane	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA505	0.001	0.259	106	RAK	05-15-98
Methoxychlor	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA505	0.01	2.29	84.8	RAK	05-15-98
Toxaphene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1			RAK	05-15-98
Dalapon	*	ug/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			EPA515.1	0.001	5.28	92.7	RAK	05-22-98
Diquat	*	ug/L	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4			EPA549	0.4	3.7943304	89.979536	FG	06-02-98
Endothal	*	ug/L	<9	<9	<9	<9	<9	<9	<9			EPA548	9	6.5483377	91.62	CLS	05-19-98
Glyphosate	*	ug/L	<6	<6	<6	<6	<6	<6	<6			EPA547	6	2.6401517	84.194122	FG	06-01-98
Di(2-ethylhexyl) adipate	*	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6			EPA525.2	0.6	7.52	83.2	CLS	05-14-98
Oxaryl (Vydate)	*	ug/L	<2	<2	<2	<2	<2	<2	<2			EPA531.1	2	3.38	88.9	FG	05-28-98
Simazine	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07			EPA505	0.07	4	93.6	RAK	05-15-98
Bis(2-ethylhexyl)phthalate	*	ug/L	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6			EPA525.2	0.6	5.63	94.2	CLS	05-14-98
Picloram	*	ug/L	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07			EPA515.1	0.07	3.32	92.9	RAK	05-22-98
Dinoseb	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA515.1	0.01	0.298	94.6	RAK	05-22-98
Hexachlorocyclopentadiene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	8.52	94.3	RAK	05-15-98
Carbofuran	*	ug/L	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9			EPA531	0.9	2.43	80.1	FG	05-28-98
Atrazine	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	4.99	99.2	RAK	05-15-98
Alachlor (Lasso)	*	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2			EPA505	0.2	1.07	98.9	RAK	05-15-98
Dioxin	*	ug/L										EPA625	0.01				
Heptachlor	*	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			EPA505	0.005	1.71	90.3	RAK	05-15-98
Heptachlor Epoxide	*	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			EPA505	0.005	1.93	87.4	RAK	05-15-98
2,4-D	*	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			EPA515.1	0.05	6.19	99.3	RAK	05-22-98
2,4,5-TP(Silvex)	*	ug/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			EPA515.1	0.02	1.24	89	RAK	05-22-98
Hexachlorobenzene	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1	1.95	89.9	RAK	05-15-98
Benzo(a)pyrene	*	ug/L	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			EPA550	0.02	7.83	75.4	FG	05-26-98
Pentachlorophenol	*	ug/L	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04			EPA515.1	0.04	1.24	93.3	RAK	05-22-98
Total PCB	*	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1			EPA505	0.1			RAK	05-15-98
Dibromochloropropane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA504	0.01	1.6692496	95.114338	RAK	05-12-98
Ethylene dibromide	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA504	0.01	3.9089921	107.66832	RAK	05-12-98
Chlordane	*	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			EPA505	0.01	1.98	89.8	RAK	05-15-98
Gross alpha	*	pCVL	6.2	38	13.6	6.9	3	3.2	10.4			EPA900	0.1			PL	05-12-98
Analysis Error(Ga)	*	pCVL	0.5	3	2	1	0.7	0.7	2			EPA900	0.1			PL	05-12-98
Photon emitters	*	pCVL										-	0.1				
Analysis Error(Photon)	*	pCVL										-	0.1				
Radium-226	*	pCVL	-	-	-	-	-	-	-			EPA903.1	0.1			PL	05-12-98
Analysis Error(226)	*	pCVL	-	-	-	-	-	-	-			EPA903.1	0.1			PL	05-12-98
Radium-228	*	pCVL	-	-	-	-	-	-	-			EPA904	0.3			PL	05-12-98
Analysis Error(228)	*	pCVL	-	-	-	-	-	-	-			EPA904	0.3			PL	05-12-98
Man-made beta & photon	*	pCVL	-	-	-	-	-	-	-			EPA900	0.1			PL	05-12-98
Analysis Error(beta & photon)	*	pCVL	-	-	-	-	-	-	-			EPA900	0.1			PL	05-12-98

Date Received: 04-29-98      Typed: 06-03-98      Sent: 06-03-98

Project Number Sumter Indfl.  
 PO Number 4-29-98  
 Date Sampled 1 04-29-98 \*  
 Date Analyzed 0  
 Compacted 1  
 Format NormRR  
 Unit Cost Extd  
 PPCB93 47500 7 \*  
 VOC93 6500 7 \*  
 Secs93 8500 7 \*

GA	4000	7 *
THM	3000	7 *
Pdm Inorg	9500	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 17243	0.202	EPA200.8	0.001	0.2	5/7/1998
1925	pH 17243	6.28	EPA150.1	0.01	6.5 - 8.5	4/29/1998
4000	Gross alpha 17243	6.20	EPA900	0.1	5	5/12/1998

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

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: \_\_\_\_\_ I.D. #: Sumter 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): 4/29/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL1  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

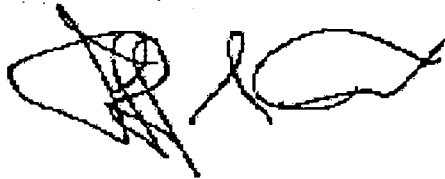
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17243  
Date Sample(s) Recieved: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17243	0.0000846	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17243	0.0112	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17243	0.000280	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17243	0.00365	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17243	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17243	<0.01	SM4500F C	0.01	4	04-30-98
1030 Lead	17243	0.000925	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17243	<0.0002	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17243	0.00104	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17243	2.65	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17243	0.0102	EPA353.2	0.01	1	04-30-98
1045 Selenium	17243	0.000431	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17243	2.95	EPA200.7	0.001	160	05-11-98
1074 Antimony	17243	<0.003	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17243	0.000136	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17243	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17243		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	17243	<0.001	EPA502.2	0.001	0.1	04-30-98



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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17243	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17243	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17243	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17243	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17243	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17243	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17243	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17243	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17243	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17243	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17243	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17243	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17243	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17243	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17243	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17243	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17243	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17243	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17243	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17243	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17243	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17243	0.202	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17243	16.5	EPA300	0.1	250	05-14-98
1022 Copper	17243	0.00147	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17243	<0.01	SM4500F C	0.01	2	04-30-98
1028 Iron	17243	0.0254	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17243	<0.0005	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17243	0.0000651	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17243	7.15	EPA375.4	1	250	05-01-98
1095 Zinc	17243	0.00320	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17243	15.0	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17243	<1	SM2150B	1	3	04-29-98
1925 pH	17243	6.28	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17243	104	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17243	<0.1	SM5540C	0.1	0.5	04-29-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17243	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17243	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17243	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17243	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17243	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17243	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17243	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17243	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17243	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17243	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17243	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17243	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17243	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17243	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17243	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17243	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17243	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17243	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17243		EPA625	0.01	0.00003	
2065 Heptachlor	17243	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17243	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17243	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17243	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17243	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17243	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17243	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17243	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17243	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17243	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17243	<0.01	EPA505	0.01	2	05-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17243	6.20	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17243	0.500	EPA900	0.1		05-12-98
4012 Photon emitters	17243		-	0.1		
4012 Analysis_Error(Photon)	17243		-	0.1		
4020 Radium-226	17243		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17243		EPA903.1	0.1		05-12-98
4030 Radium-228	17243		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17243		EPA904	0.3		05-12-98
4101 Man-made beta	17243		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17243		EPA900	0.1		05-12-98

## DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1015	Cadmium	17244	0.00632	SM3113B	0.0001	0.005	5/6/1998
1002	Aluminum	17244	1.29	EPA200.8	0.001	0.2	5/7/1998
1028	Iron	17244	1.20	EPA200.7	0.0002	0.3	5/11/1998
1032	Manganese	17244	0.760	EPA200.70	0.00004	0.05	5/11/1998
1905	Color (color units)	17244	100	SM2120B	5	15	4/29/1998
4000	Gross alpha	17244	38.0	EPA900	0.1	5	5/12/1998

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

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: \_\_\_\_\_ I.D. #: Sumter 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): 4/29/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL1  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

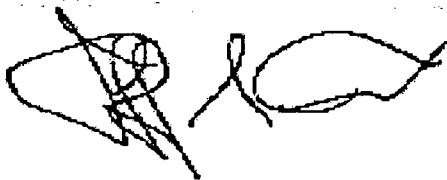
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17243  
Date Sample(s) Recieved: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17243	0.0000846	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17243	0.0112	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17243	0.000280	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17243	0.00365	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17243	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17243	<0.01	SM4500F C	0.01	4	04-30-98
1030 Lead	17243	0.000925	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17243	<0.0002	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17243	0.00104	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17243	2.65	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17243	0.0102	EPA353.2	0.01	1	04-30-98
1045 Selenium	17243	0.000431	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17243	2.95	EPA200.7	0.001	160	05-11-98
1074 Antimony	17243	<0.003	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17243	0.000136	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17243	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17243		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	17243	<0.001	EPA502.2	0.001	0.1	04-30-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17243	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17243	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17243	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17243	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17243	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17243	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17243	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17243	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17243	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17243	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17243	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17243	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17243	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17243	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17243	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17243	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17243	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17243	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17243	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17243	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17243	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17243	0.202	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17243	16.5	EPA300	0.1	250	05-14-98
1022 Copper	17243	0.00147	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17243	<0.01	SM4500F C	0.01	2	04-30-98
1028 Iron	17243	0.0254	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17243	<0.0005	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17243	0.0000651	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17243	7.15	EPA375.4	1	250	05-01-98
1095 Zinc	17243	0.00320	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17243	15.0	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17243	<1	SM2150B	1	3	04-29-98
1925 pH	17243	6.28	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17243	104	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17243	<0.1	SM5540C	0.1	0.5	04-29-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17243	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17243	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17243	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17243	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17243	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17243	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17243	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17243	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17243	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17243	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17243	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17243	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17243	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17243	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17243	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17243	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17243	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17243	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17243		EPA625	0.01	0.00003	
2065 Heptachlor	17243	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17243	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17243	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17243	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17243	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17243	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17243	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17243	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17243	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17243	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17243	<0.01	EPA505	0.01	2	05-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17243	6.20	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17243	0.500	EPA900	0.1		05-12-98
4012 Photon emitters	17243		-	0.1		
4012 Analysis_Error(Photon)	17243		-	0.1		
4020 Radium-226	17243		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17243		EPA903.1	0.1		05-12-98
4030 Radium-228	17243		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17243		EPA904	0.3		05-12-98
4101 Man-made beta	17243		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17243		EPA900	0.1		05-12-98

## DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1040	Nitrate(as N) 17245	20.6	EPA353.2	0.01	10	5/1/1998
4000	Gross alpha 17245	13.6	EPA900	0.1	5	5/12/1998

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



# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: \_\_\_\_\_ I.D. #: Sumter 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): 4/29/98 Sample Time: \_\_\_\_\_  
Sample Location (be specific): SL4  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

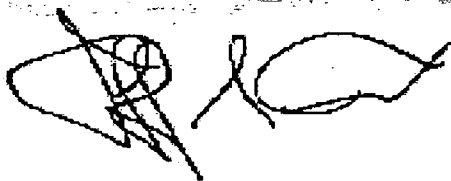
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17245  
Date Sample(s) Recieved: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

Inorganic Analysis  
62-550.310(1)  
(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17245	0.000585	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17245	0.0105	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17245	0.00114	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17245	0.0115	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17245	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17245	0.0361	SM4500F C	0.01	4	04-30-98
1030 Lead	17245	0.000764	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17245	<0.0002	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17245	0.00292	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17245	20.6	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17245	0.0807	EPA353.2	0.01	1	04-30-98
1045 Selenium	17245	0.00166	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17245	47.5	EPA200.7	0.001	160	05-11-98
1074 Antimony	17245	<0.003	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17245	<0.0001	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17245	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17245		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	17245	<0.001	EPA502.2	0.001	0.1	04-30-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17245	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17245	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17245	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17245	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17245	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17245	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17245	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17245	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17245	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17245	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17245	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17245	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17245	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17245	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17245	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17245	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17245	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17245	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17245	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17245	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17245	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17245	0.0181	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17245	73.0	EPA300	0.1	250	05-14-98
1022 Copper	17245	0.00183	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17245	0.0361	SM4500F C	0.01	2	04-30-98
1028 Iron	17245	0.0967	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17245	<0.0005	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17245	0.000351	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17245	6.43	EPA375.4	1	250	05-01-98
1095 Zinc	17245	0.00341	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17245	<5	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17245	<1	SM2150B	1	3	04-29-98
1925 pH	17245	7.30	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17245	490	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17245	<0.1	SM5540C	0.1	0.5	04-29-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17245	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17245	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17245	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17245	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17245	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17245	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17245	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17245	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17245	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17245	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17245	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17245	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17245	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17245	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17245	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17245	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17245	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17245	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17245		EPA625	0.01	0.00003	
2065 Heptachlor	17245	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17245	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17245	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17245	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17245	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17245	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17245	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17245	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17245	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17245	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17245	<0.01	EPA505	0.01	2	05-15-98

**Radiological Analysis**  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17245	13.6	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17245	2.00	EPA900	0.1		05-12-98
4012 Photon emitters	17245		-	0.1		
4012 Analysis_Error(Photon)	17245		-	0.1		
4020 Radium-226	17245		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17245		EPA903.1	0.1		05-12-98
4030 Radium-228	17245		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17245		EPA904	0.3		05-12-98
4101 Man-made beta	17245		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17245		EPA900	0.1		05-12-98

## DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1905	Color (color units)	17246	55.0	SM2120B	5	15	4/29/1998
4000	Gross alpha	17246	6.90	EPA900	0.1	5	5/12/1998

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

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: \_\_\_\_\_ I.D. #: Sumter 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): 4/29/98 Sample Time : \_\_\_\_\_  
Sample Location (be specific): SL6A  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

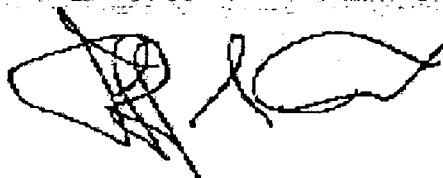
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17246  
Date Sample(s) Recieved: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17246	0.000386	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17246	0.00520	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17246	0.000970	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17246	0.0113	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17246	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17246	0.0257	SM4500F C	0.01	4	04-30-98
1030 Lead	17246	0.000430	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17246	<0.0002	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17246	0.00210	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17246	5.43	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17246	0.0234	EPA353.2	0.01	1	04-30-98
1045 Selenium	17246	0.000667	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17246	4.36	EPA200.7	0.001	160	05-11-98
1074 Antimony	17246	<0.003	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17246	<0.0001	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17246	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17246		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	17246	<0.001	EPA502.2	0.001	0.1	04-30-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17246	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17246	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17246	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17246	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17246	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17246	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17246	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17246	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17246	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17246	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17246	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17246	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17246	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17246	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17246	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17246	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17246	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17246	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17246	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17246	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17246	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17246	0.132	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17246	9.50	EPA300	0.1	250	05-14-98
1022 Copper	17246	0.00118	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17246	0.0257	SM4500F C	0.01	2	04-30-98
1028 Iron	17246	0.0885	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17246	<0.0005	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17246	0.000104	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17246	7.47	EPA375.4	1	250	05-01-98
1095 Zinc	17246	0.00228	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17246	55.0	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17246	<1	SM2150B	1	3	04-29-98
1925 pH	17246	7.98	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17246	208	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17246	<0.1	SM5540C	0.1	0.5	04-29-98



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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17246	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17246	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17246	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17246	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17246	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17246	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17246	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17246	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17246	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17246	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17246	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17246	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17246	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17246	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17246	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17246	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17246	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17246	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin)	17246		EPA625	0.01	0.00003	
2065 Heptachlor	17246	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17246	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17246	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17246	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17246	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17246	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17246	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17246	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17246	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17246	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17246	<0.01	EPA505	0.01	2	05-15-98

**Radiological Analysis**  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17246	6.90	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17246	1.00	EPA900	0.1		05-12-98
4012 Photon emitters	17246		-	0.1		
4012 Analysis_Error(Photon)	17246		-	0.1		
4020 Radium-226	17246		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17246		EPA903.1	0.1		05-12-98
4030 Radium-228	17246		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17246		EPA904	0.3		05-12-98
4101 Man-made beta	17246		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17246		EPA900	0.1		05-12-98

# 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): 4/29/98 Sample Time: \_\_\_\_\_  
Sample Location (be specific): SL7  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

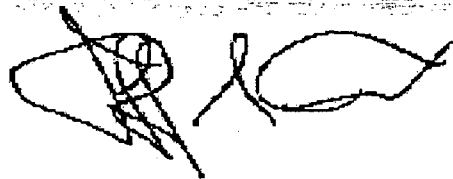
Lab Name: Flowers Chemical Laboratories Inc. HRS# 83139 Expiration Date 6/30/98  
Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597 Phone #: (407) 339-5984  
Subcontracted Lab HRS #: HRS84252 Groups Analyzed: RAD

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17247  
Date Sample(s) Recieved: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95

### Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17247	0.000293	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17247	0.00499	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17247	0.000640	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17247	0.00898	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17247	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17247	0.0121	SM4500F C	0.01	4	04-30-98
1030 Lead	17247	0.000413	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17247	<0.0002	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17247	0.00170	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17247	5.59	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17247	<0.01	EPA353.2	0.01	1	04-30-98
1045 Selenium	17247	0.000533	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17247	5.10	EPA200.7	0.001	160	05-11-98
1074 Antimony	17247	<0.003	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17247	<0.0001	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17247	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17247		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	17247	<0.001	EPA502.2	0.001	0.1	04-30-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17247	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17247	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17247	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17247	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17247	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17247	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17247	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17247	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17247	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17247	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17247	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17247	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17247	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17247	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17247	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17247	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17247	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17247	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17247	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17247	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17247	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17247	0.0220	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17247	10.7	EPA300	0.1	250	05-14-98
1022 Copper	17247	0.000552	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17247	0.0121	SM4500F C	0.01	2	04-30-98
1028 Iron	17247	0.0395	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17247	<0.0005	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17247	0.0000880	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17247	4.76	EPA375.4	1	250	05-01-98
1095 Zinc	17247	0.00292	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17247	15.0	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17247	<1	SM2150B	1	3	04-29-98
1925 pH	17247	7.80	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17247	218	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17247	<0.1	SM5540C	0.1	0.5	04-29-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17247	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17247	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17247	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17247	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17247	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17247	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17247	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17247	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17247	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17247	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17247	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17247	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17247	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17247	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17247	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17247	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17247	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17247	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17247		EPA625	0.01	0.00003	
2065 Heptachlor	17247	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17247	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17247	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17247	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17247	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17247	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17247	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17247	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17247	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17247	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17247	<0.01	EPA505	0.01	2	05-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17247	3.00	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17247	0.700	EPA900	0.1		05-12-98
4012 Photon emitters	17247		-	0.1		
4012 Analysis_Error(Photon)	17247		-	0.1		
4020 Radium-226	17247		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17247		EPA903.1	0.1		05-12-98
4030 Radium-228	17247		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17247		EPA904	0.3		05-12-98
4101 Man-made beta	17247		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17247		EPA900	0.1		05-12-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17248	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17248	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17248	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17248	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17248	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17248	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17248	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17248	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17248	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17248	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17248	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17248	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17248	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17248	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17248	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17248	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17248	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17248	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17248		EPA625	0.01	0.00003	
2065 Heptachlor	17248	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17248	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17248	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17248	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17248	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17248	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17248	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17248	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17248	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17248	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17248	<0.01	EPA505	0.01	2	05-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17248	3.20	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17248	0.700	EPA900	0.1		05-12-98
4012 Photon emitters	17248		-	0.1		
4012 Analysis_Error(Photon)	17248		-	0.1		
4020 Radium-226	17248		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17248		EPA903.1	0.1		05-12-98
4030 Radium-228	17248		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17248		EPA904	0.3		05-12-98
4101 Man-made beta	17248		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17248		EPA900	0.1		05-12-98

## DRINKING WATER EXCEEDANCE REPORT

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

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

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

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

Confirmations required for any unregulated detect.

Radium samples required for Gross Alpha > 5.

### PRIMARY/SECONDARY

1028	Iron	17249	0.890	EPA200.7	0.0002	0.3	5/11/1998
1032	Manganese	17249	0.0591	EPA200.70	0.00004	0.05	5/11/1998
4000	Gross alpha	17249	10.4	EPA900	0.1	5	5/12/1998

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

# PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

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

System Name: \_\_\_\_\_ I.D. #: Sumter 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): 4/29/98 Sample Time: \_\_\_\_\_  
Sample Location (be specific): SL9  
Sampler Name and Phone: \_\_\_\_\_  
Samplers Signature: \_\_\_\_\_ Title: \_\_\_\_\_

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

## LABORATORY CERTIFICATION INFORMATION

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

## ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 17249  
Date Sample(s) Received: 4/29/98 Group(s) Analyzed & Results attached for compliance with 62-550, F.A.C.:  
 Nitrate  Nitrite  Asbestos  Trihalomethanes  
Inorganics Volatile Organics Secondaries Pesticides & PCBs  
 All 17  Partial  All 21  Partial  All 14  Partial  All 30  Partial  
Group I Unregulateds Group II Unregulateds Group III Unregulateds Radiochemicals  
 All 13  Partial  All 23  Partial  All 11  Partial  Single Sample  
 Qtrly Composite \*

\* Provide radiochemical sample dates & locations for each quarter

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



Signature: \_\_\_\_\_  
Title: Technical Director Date: 6/3/98

## COMPLIANCE INFORMATION (to be completed by State)

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

Effective 1/95



Inorganic Analysis

62-550.310(1)

(PWS030)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1005 Arsenic	17249	0.00187	EPA200.8	0.00005	0.05	04-30-98
1010 Barium	17249	0.0214	EPA200.8	0.0004	2	04-30-98
1015 Cadmium	17249	0.00414	SM3113B	0.0001	0.005	05-06-98
1020 Chromium	17249	0.0257	EPA200.8	0.0002	0.1	04-30-98
1024 Cyanide	17249	<0.005	SM4500-CN E	0.005	0.2	05-05-98
1025 Fluoride	17249	0.0144	SM4500F C	0.01	4	04-30-98
1030 Lead	17249	0.00796	EPA200.8	0.0001	0.015	04-30-98
1035 Mercury	17249	0.000415	EPA245.1	0.0002	0.002	05-01-98
1036 Nickel	17249	0.00906	EPA200.8	0.0002	0.1	04-30-98
1040 Nitrate(as N)	17249	0.207	EPA353.2	0.01	10	05-01-98
1041 Nitrite(as N)	17249	<0.01	EPA353.2	0.01	1	04-30-98
1045 Selenium	17249	0.000975	EPA200.8	0.0003	0.05	04-30-98
1052 Sodium	17249	12.7	EPA200.7	0.001	160	05-11-98
1074 Antimony	17249	0.00494	SM3113B	0.003	0.006	05-07-98
1075 Beryllium	17249	0.000147	EPA200.8	0.0001	0.004	04-30-98
1085 Thallium	17249	<0.0001	EPA200.8	0.0001	0.002	04-30-98
1094 Asbestos	17249		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	17249	<0.001	EPA502.2	0.001	0.1	04-30-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2378 1,2,4-trichlorobenzene	17249	<0.5	EPA502.2	0.5	70	04-30-98
2380 cis-1,2-Dichloroethylene	17249	<0.5	EPA502.2	0.5	70	04-30-98
2955 Xylenes (total)	17249	<0.5	EPA502.2	0.5	10000	04-30-98
2964 Dichloromethane	17249	<0.5	EPA502.2	0.5	5	04-30-98
2968 O-dichlorobenzene	17249	<0.5	EPA502.2	0.5	600	04-30-98
2969 Para-dichlorobenzene	17249	<0.5	EPA502.2	0.5	75	04-30-98
2976 Vinyl chloride	17249	<0.5	EPA502.2	0.5	1	04-30-98
2977 1,1,-dichloroethylene	17249	<0.5	EPA502.2	0.5	7	04-30-98
2979 Trans-1,2-dichloroethylene	17249	<0.5	EPA502.2	0.5	100	04-30-98
2980 1,2,-dichloroethane	17249	<0.3	EPA502.2	0.3	3	04-30-98
2981 1,1,1-trichloroethane	17249	<0.5	EPA502.2	0.5	200	04-30-98
2982 Carbon tetrachloride	17249	<0.5	EPA502.2	0.5	3	04-30-98
2983 1,2-dichloropropane	17249	<0.25	EPA502.2	0.25	5	04-30-98
2984 Trichloroethylene	17249	<0.5	EPA502.2	0.5	3	04-30-98
2985 1,1,2-trichloroethane	17249	<0.5	EPA502.2	0.5	5	04-30-98
2987 Tetrachloroethylene	17249	<0.5	EPA502.2	0.5	3	04-30-98
2989 Monochlorobenzene	17249	<0.5	EPA502.2	0.5	100	04-30-98
2990 Benzene	17249	<0.2	EPA502.2	0.2	1	04-30-98
2991 Toluene	17249	<0.5	EPA502.2	0.5	1000	04-30-98
2992 Ethylbenzene	17249	<0.5	EPA502.2	0.5	700	04-30-98
2996 Styrene	17249	<0.5	EPA502.2	0.5	100	04-30-98

Secondary Chemical Analysis  
62-550.320  
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result(mg/l)	Analytical Method	Detection Limit (mg/l)	MCL	Analysis Date
1002 Aluminum	17249	0.162	EPA200.8	0.001	0.2	05-07-98
1017 Chloride	17249	16.5	EPA300	0.1	250	05-14-98
1022 Copper	17249	0.0762	EPA200.8	0.0002	1	04-30-98
1025 Fluoride	17249	0.0144	SM4500F C	0.01	2	04-30-98
1028 Iron	17249	0.890	EPA200.7	0.0002	0.3	05-11-98
1032 Manganese	17249	0.0591	EPA200.7	0.00004	0.05	05-11-98
1050 Silver	17249	<0.00005	EPA200.8	0.00005	0.1	04-30-98
1055 Sulfate	17249	3.56	EPA375.4	1	250	05-01-98
1095 Zinc	17249	0.101	EPA200.8	0.0007	5	04-30-98
1905 Color (color units)	17249	15.0	SM2120B	5	15	04-29-98
1920 Odor (total odor number)	17249	<1	SM2150B	1	3	04-29-98
1925 pH	17249	7.01	EPA150.1	0.01	6.5 - 8.5	04-29-98
1930 Total Dissolved Solids	17249	480	SM2540C	2.5	500	05-12-98
2905 Foaming Agents	17249	<0.1	SM5540C	0.1	0.5	04-29-98

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

Parameter ID NAME	Sample Number	Analysis Result(ug/l)	Analytical Method	Detection Limit (ug/l)	MCL	Analysis Date
2005 Endrin	17249	<0.001	EPA505	0.001	2	05-15-98
2010 Lindane	17249	<0.001	EPA505	0.001	0.2	05-15-98
2015 Methoxychlor	17249	<0.01	EPA505	0.01	40	05-15-98
2020 Toxaphene	17249	<0.1	EPA505	0.1	3	05-15-98
2031 Dalapon	17249	<0.001	EPA515.1	0.001	200	05-22-98
2032 Diquat	17249	<0.4	EPA549	0.4	20	06-02-98
2033 Endothall	17249	<9	EPA548	9	100	05-19-98
2034 Glyphosate	17249	<6	EPA547	6	700	06-01-98
2035 Di(2-ethylhexyl)adipate	17249	<0.6	EPA525.2	0.6	400	05-14-98
2036 Oxamyl (Vydate)	17249	<2	EPA531.1	2	200	05-28-98
2037 Simazine	17249	<0.07	EPA505	0.07	4	05-15-98
2039 Di(2-ethylhexyl)phthalate	17249	<0.6	EPA525.2	0.6	6	05-14-98
2040 Picloram	17249	<0.07	EPA515.1	0.07	500	05-22-98
2041 Dinoseb	17249	<0.01	EPA515.1	0.01	7	05-22-98
2042 Hexachlorocyclopentadiene	17249	<0.1	EPA505	0.1	50	05-15-98
2046 Carbofuran	17249	<0.9	EPA531	0.9	40	05-28-98
2050 Atrazine	17249	<0.1	EPA505	0.1	3	05-15-98
2051 Alachlor	17249	<0.2	EPA505	0.2	2	05-15-98
2063 2,3,7,8-TCDD (Dioxin )	17249		EPA625	0.01	0.00003	
2065 Heptachlor	17249	<0.005	EPA505	0.005	0.4	05-15-98
2067 Heptachlor epoxide	17249	<0.005	EPA505	0.005	0.2	05-15-98
2105 2,4-D	17249	<0.05	EPA515.1	0.05	70	05-22-98
2110 2,4,5-TP (Silvex)	17249	<0.02	EPA515.1	0.02	50	05-22-98
2274 Hexachlorobenzene	17249	<0.1	EPA505	0.1	1	05-15-98
2306 Benzo(a)pyrene	17249	<0.02	EPA550	0.02	0.2	05-26-98
2326 Pentachlorophenol	17249	<0.04	EPA515.1	0.04	1	05-22-98
2383 PCB	17249	<0.1	EPA505	0.1	0.5	05-15-98
2931 Dibromochloropropane	17249	<0.01	EPA504	0.01	0.2	05-12-98
2946 Ethylene dibromide	17249	<0.01	EPA504	0.01	0.02	05-12-98
2959 Chlordane	17249	<0.01	EPA505	0.01	2	05-15-98

Radiological Analysis  
62-550.310(5)  
(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	MCL	Analysis Date
4000 Gross alpha	17249	10.4	EPA900	0.1		5 05-12-98
4000 Analysis_Error(Ga)	17249	2.00	EPA900	0.1		05-12-98
4012 Photon emitters	17249		-	0.1		
4012 Analysis_Error(Photon)	17249		-	0.1		
4020 Radium-226	17249		EPA903.1	0.1		05-12-98
4020 Analysis_Error(226)	17249		EPA903.1	0.1		05-12-98
4030 Radium-228	17249		EPA904	0.3		05-12-98
4030 Analysis_Error(228)	17249		EPA904	0.3		05-12-98
4101 Man-made beta	17249		EPA900	0.1		05-12-98
4101 Analysis_Error(beta)	17249		EPA900	0.1		05-12-98



Lawton Chiles  
Governor

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

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:  
DATE:

83139 EPA: FL00091  
APRIL 17, 1998  
SEPTEMBER 22, 1997

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

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	602.2	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-DICHLOROENZENE	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 CHLOROENZENE	502.2	524.2
X o-DICHLOROENZENE	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-TRICHLOROENZENE	502.2	524.2
X 1,1,2-TRICHLOROETHANE	502.2	524.2

2. TRIHALOMETHANES

X BROMODICHLOROMETHANE	502.2	524.2
X BROMOFORM	602.2	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	506, 508		
X METOLACHLOR	507		
X METRIBUZIN	507		
X PROPACHLOR	508		

GROUP II UNREGULATED CONTAMINANTS

	GC	GC/MS
X BROMOENZENE	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-DICHLOROENZENE	502.2	524.2
X 1,1,1,2-TETRACHLOROETHANE	502.2	524.2
X 1,1,2,2-TETRACHLOROETHANE	502.2	524.2
X METHYL tert-BUTYL ETHER	502.2	524.2
X 1,1-DICHLOROPROPENE	502.2	524.2
X o-CHLOROTOLUENE	502.2	524.2

GROUP III UNREGULATED CONTAMINANTS

1. BASE/NEUTRAL EXTRACTABLES

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

2. ACID EXTRACTABLES

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



Lawton Chiles  
Governor

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

LABORATORY: FLOWERS CHEMICAL LABORATORY

CERTIFICATION NUMBER:

83139

EPA: FL00091

DATE:

APRIL 17, 1998

MICROBIOLOGY

METHODS

SUPERSEDES PREVIOUS ANALYTE SHEET DATED:

SEPTEMBER 22, 1997

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

PESTICIDES AND PCB'S

GC

GC/MS

HPLC

PRIMARY INORGANIC

1. INSECTICIDES

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

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. LEAD AND COPPER

2. HERBICIDES

X LEAD SM3113B 200.8  
 X COPPER 200.8

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. CYANIDE IC ISE UV-VIS OTHER

3. CARBAMATES

X CYANIDE SM4500CN E

X CARBOFURAN 531.1  
 X OXAMYL (VYDATE) 531.1

4. NITRATE AND NITRITE

4. DISINFECTANT BY-PRODUCTS/VOC'S

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

X 1,2-DIBROMO-3-CHLOROPROPANE 504.1  
 X ETHYLENE DIBROMIDE 504.1

5. FLUORIDE

5. MISCELLANEOUS SOC'S

X FLUORIDE SM4500F C

X DIQUAT 549.1  
 X ENDOTHALL 548.1  
 X GLYPHOSATE 547

6. ASBESTOS

6. PCB'S

ASBESTOS

X AROCHLORS 505  
 X DECACHLOROBIPHENYL 508A

SECONDARY INORGANIC

7. ADIPATES AND PHTHALATES

AA(FUR) ICP UV-VIS OTHER  
 X ALUMINUM 200.7 200.8  
 X CHLORIDE 300.0  
 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

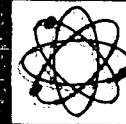
X DI(2-ETHYLHEXYL) ADIPATE 525.2  
 X DI(2-ETHYLHEXYL) PHTHALATE 525.2

8. PAH

X BENZO(a)PYRENE 650

DIOXIN

2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN



CHEMICAL LABORATORIES INCORPORATED

Jefferson L. Flowers, Ph.D.  
 Jefferson S. Flowers, Ph.D.  
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 FAX: (407) 260-6110

CHAIN OF CUSTODY RECORD

Client Control Testing Lab  
 Address P.O. Box 883  
Floral City, FL 34436  
 Phone 352-726-6847

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

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

Sampled By (PRINT): Ron Ebel  
 Sampler Signature Ron Ebel Date Sampled 4-29-98

NO. OF CONTAINERS	PRESERVATIVES				ANALYSES REQUEST
	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	
					<i>SL1</i>
					<i>SL2</i>
					<i>SL3</i>
					<i>SL4</i>
					<i>SL5</i>
					<i>SL6</i>
					<i>SL7</i>
					<i>SL8</i>
					<i>SL9</i>

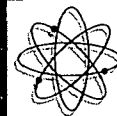
*24°C  
pH 6.2  
pH > 10*

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.
1	SL1			17243
2	SL2			44
3	SL3			45
4	SL4			46
5	SL5			47
6	SL6			48
	SL7			17249

*Monitoring wells*

CARRIER	BAILERS	SHIP DATES		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		OUT / DATE	RETURNED / DATE						
				<i>Ron Ebel</i>	<i>4-29-98</i>	<i>10:45 AM</i>			
SPECIAL INSTRUCTIONS									

*Jeffrey [Signature] 1446*



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

Date Reported : May 14 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: EPA601602 TB NH4  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 9513-9519  
**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	9513 SL1	9514 SL2	9515 SL4	9516 SL6A	9517 SL7
		Detection Limit							
Dilution Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
1,1,1-trichloroethane	ug/L	1.00	103.	1.54	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-tetrachloroethane	ug/L	1.00	107.	.530	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-trichloroethane	ug/L	1.00	105.	.410	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	102.	.610	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	92.6	.510	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300	<0.300	<0.300	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	110.	.300	<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	102.	.570	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	ug/L	1.00	95.1	.770	<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	103.	.880	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	106.	.960	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	ug/L	0.300	104.	.800	<0.300	<0.300	<0.300	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	103.	.780	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene chloride	ug/L	1.00	94.1	1.67	<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	97.5	.050	<1.00	<1.00	<1.00	<1.00	<1.00
Trichlorofluoromethane	ug/L	2.00			<2.00	<2.00	<2.00	<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	ug/L	1.00			<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	103.	.050	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	97.3	.210	<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	85.5	7.70	<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
Dichlorodifluoromethane	ug/L	2.00			<2.00	<2.00	<2.00	<2.00	<2.00

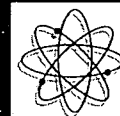
**Data Release Authorization**

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec. 4  
Methods of analysis in accordance with FCL QA and EPA approved methodology.  
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Jefferson S. Flowers, Ph.D.

President/Technical Director  
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Received From:  
Cent. Testing Lab  
PO Box 883  
FloralCity, FL 34436

Date Reported : May14 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: EPA601602 TB NH4  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 9513-9519

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9513 SL1	9514 SL2	9515 SL4	9516 SL6A	9517 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	109.	1.11	114.	113.	113.	113.	113.
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500	<0.500	<0.500	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	99.3	.090	<0.500	<0.500	<0.500	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200	<0.200	<0.200	<0.200	<0.200
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500	<0.500	<0.500	<0.500	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500	<0.500	<0.500	<0.500	<0.500
Toluene	ug/L	0.500	97.9	1.41	<0.500	<0.500	<0.500	<0.500	<0.500
Xylene	ug/L	0.500	95.2	1.30	<0.500	<0.500	<0.500	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	95.2	3.60	<0.500	<0.500	<0.500	<0.500	<0.500
Total_BTEX	ug/L	0.500	99.7	1.22	<0.500	<0.500	<0.500	<0.500	<0.500
PID_Spike	ug/L	0.500	100.	1.05	89.6	89.8	89.6	89.6	89.8

Turbidity NTU 0.0500 25.0 280. 5.70 66.0 128.  
Ammonia(as N) mg/L 0.0100 124. 16.3 0.262 0.0816 0.0208 0.0533 0.113

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President/Technical Director





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Date Reported : May 14 1998  
Project Number : Sumter Indfl.  
PO Number : 4-29-98  
FDHRSDW Number : 83139  
NYSDOH Number : 11595  
FDER COMQAPNum : 86-0008G  
LDHH Number : 94-23  
NCDEHNR Number : 296  
SCDHEC Number : 96019

For: EPA601602 TB NH4  
Date Sampled: Apr 29 1998 Date Received: Apr 29 1998 Lab Numbers: 9513-9519

**REPORT OF ANALYSIS**

Parameter	Unit	Method	%ACC	%PRC	9518 SL8	9519 SL9
		Detection Limit				
Dilution Factor		-	-	-	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	103.	1.54	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	107.	.530	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	105.	.410	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	102.	.610	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	92.6	.510	<1.00	<1.00
1,2-dichloroethane	ug/L	0.300	105.	.930	<0.300	<0.300
1,2-dichloropropane	ug/L	0.250	110.	.300	<0.250	<0.250
2-chloroethylvinylet	ug/L	1.00			<1.00	<1.00
Bromodichloromethane	ug/L	1.00	102.	.570	<1.00	<1.00
Bromoform	ug/L	1.00	95.1	.770	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	103.	.880	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	106.	.960	<1.00	<1.00
Chloroform	ug/L	0.300	104.	.800	<0.300	<0.300
Dibromochloromethane	ug/L	1.00	103.	.780	<1.00	<1.00
Methylene chloride	ug/L	1.00	94.1	1.67	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	97.5	.050	<1.00	<1.00
Trichlorofluorometha	ug/L	2.00			<2.00	<2.00
t-1,2-dichloroethene	ug/L	1.00			<1.00	<1.00
Trichloroethene	ug/L	1.00			<1.00	<1.00
Tetrachloroethene	ug/L	1.00	103.	.050	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	97.3	.210	<1.00	<1.00
Bromomethane	ug/L	5.00			<5.00	<5.00
Chloroethane	ug/L	3.00	85.5	7.70	<3.00	<3.00
Chloromethane	ug/L	5.00			<5.00	<5.00
Dichlorodifluorometh	ug/L	2.00			<2.00	<2.00

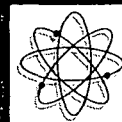
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*(Signature)*  
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For: EPA601602 TB NH4  
Date Sampled: Apr29 1998 Date Received: Apr29 1998 Lab Numbers: 9513-9519  
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	9518 SL8	9519 SL9
		Detection Limit				
Vinyl chloride	ug/L	0.500			<0.500	<0.500
Hall_Spike	ug/L	0.500	109.	1.11	113.	115.
o-dichlorobenzene	ug/L	0.500	101.	1.44	<0.500	<0.500
m-dichlorobenzene	ug/L	0.500	99.3	.090	<0.500	<0.500
Para-dichlorobenzene	ug/L	0.500	111.	.250	<0.500	<0.500
Benzene	ug/L	0.200	110.	1.31	<0.200	<0.200
Chlorobenzene	ug/L	0.500	102.	1.31	<0.500	<0.500
Ethylbenzene	ug/L	0.500	105.	.720	<0.500	<0.500
Toluene	ug/L	0.500	97.9	1.41	<0.500	<0.500
Xylene	ug/L	0.500	95.2	1.30	<0.500	<0.500
Methyl-tert-butyleth	ug/L	0.500	95.2	3.60	<0.500	<0.500
Total_BTEX	ug/L	0.500	99.7	1.22	<0.500	<0.500
PID_Spike	ug/L	0.500	100.	1.05	90.0	90.0
Turbidity	NTU	0.0500			2.10	15.0
Ammonia(as N)	mg/L	0.0100	124.	16.3	0.125	0.548

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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		Analys	Date	
			9513	9514	9515	9516	9517	9518	9519	Method	MDL	%RSD	%Rec			
Dilution Factor	*	#	1	1	1	1	1	1	1		EPA601	1		EVB	04-30-98	
1,1,1-trichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	1.54	103	EVB	04-30-98
1,1,2,2-tetrachloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.534	107	EVB	04-30-98
1,1,2-trichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.413	105	EVB	04-30-98
1,1-dichloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.618	102	EVB	04-30-98
1,1-dichloroethene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.519	92.6	EVB	04-30-98
1,2-dichloroethane	*	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U		EPA601	0.3	0.936	105	EVB	04-30-98
1,2-dichloropropane	*	ug/L	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U	<0.25U		EPA601	0.25	0.302	110	EVB	04-30-98
2-chloroethylvinylether	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1			EVB	04-30-98
Bromodichloromethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.571	102	EVB	04-30-98
Bromoform	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.779	95.1	EVB	04-30-98
cis-1,3-dichloropropene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.88	103	EVB	04-30-98
Carbon tetrachloride	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.962	106	EVB	04-30-98
Chloroform	*	ug/L	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U	<0.3U		EPA601	0.3	0.803	104	EVB	04-30-98
Dibromochloromethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.787	103	EVB	04-30-98
Methylene chloride	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	1.67	94.1	EVB	04-30-98
trans-1,3-dichloropropene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.0596	97.5	EVB	04-30-98
Trichlorofluoromethane	*	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U		EPA601	2			EVB	04-30-98
t-1,2-dichloroethene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1			EVB	04-30-98
Trichloroethene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1			EVB	04-30-98
Tetrachloroethene	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.0546	103	EVB	04-30-98
1,2-dibromo-3-chloropropane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U	<1U		EPA601	1	0.216	97.3	EVB	04-30-98
Bromomethane	*	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U		EPA601	5			EVB	04-30-98
Chloroethane	*	ug/L	<3U	<3U	<3U	<3U	<3U	<3U	<3U		EPA601	3	7.7	85.5	EVB	04-30-98
Chloromethane	*	ug/L	<5U	<5U	<5U	<5U	<5U	<5U	<5U		EPA601	5			EVB	04-30-98
Dichlorodifluoromethane	*	ug/L	<2U	<2U	<2U	<2U	<2U	<2U	<2U		EPA601	2			EVB	04-30-98
Vinyl chloride	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA601	0.5			EVB	04-30-98
Hall Spike	*	ug/L	114	113	113	113	113	113	115		EPA601	0.5	1.11	109	EVB	04-30-98
o-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	1.44	101	EVB	04-30-98
m-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	0.0941	99.3	EVB	04-30-98
Para-dichlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	0.251	111	EVB	04-30-98
Benzene	*	ug/L	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U	<0.2U		EPA602	0.2	1.31	110	EVB	04-30-98
Chlorobenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	1.31	102	EVB	04-30-98
Ethylbenzene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	0.72	105	EVB	04-30-98
Toluene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	1.41	97.9	EVB	04-30-98
Xylene	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	1.3	95.2	EVB	04-30-98
Methyl-tert-butylether	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	3.6	95.2	EVB	04-30-98
Total BTEX	*	ug/L	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U	<0.5U		EPA602	0.5	1.22	99.7	EVB	04-30-98
PID Spike	*	ug/L	89.6	89.8	89.6	89.6	89.8	90	90		EPA602	0.5	1.05	100	EVB	04-30-98
Turbidity	*	NTU	25J	280J	5.7J	66J	128J	2.1J	15J		EPA180.1	0.05	0	100	DLB	04-29-98
Ammonium(as N)	*	mg/L	0.262V	0.0816V	0.0208V	0.0533V	0.113V	0.125V	0.548V		EPA350.1	0.01	16.301656	124.74192	YGS	05-12-98
			Date Received: 04-29-98			Typed: 05-14-98			Sent: 05-14-98							
Project Number	Sumter Indll.															
PO Number	4-29-98															
Date Sampled	1 04-29-98 *															
Date Analyzed	0															
Compacted	1															
Format	NormRR															
Unit Cost	Exted															

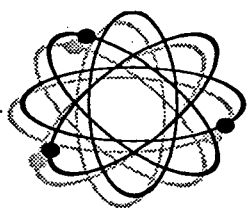
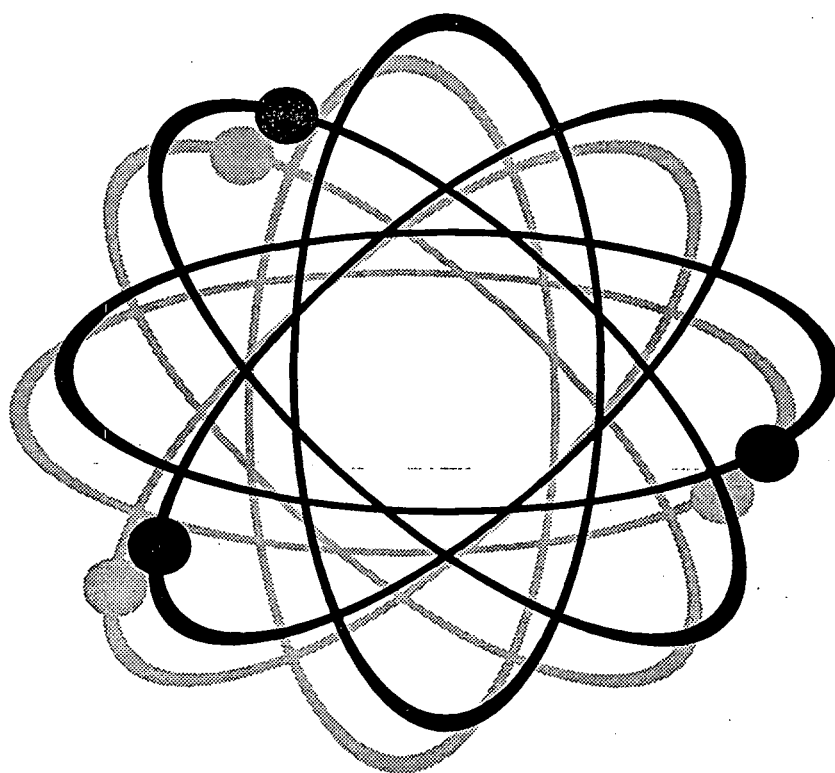
EPA601602	9000	7 *
TB	700	7 *
NH4	1200	7 *

# Quality Assurance Report

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Prepared for: Cent. Testing Lab  
Project Number: Sumter Indfl.  
Lab Numbers: 9513 - 9519

Report date: 14-May-98



**FLOWERS  
CHEMICAL  
LABORATORIES**



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**QA  
Conformance  
Summary**

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

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**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.

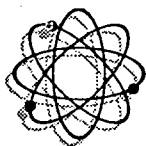
The t-test limits were met for all QCCS standards as shown in section 5.

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: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

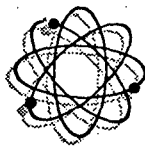
Hall\_Spike for EPA601

Unit of measure: ug/L

Surrogate Expected: 100

Acceptability Limits: 73.7 - 140

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
9513	SL1	114	114
9514	SL2	113	113
9515	SL4	113	113
9516	SL6A	113	113
9517	SL7	113	113
9518	SL8	113	113
9519	SL9	115	115



# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 1

### Surrogate Compound Recovery

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

PID\_Spike for EPA602

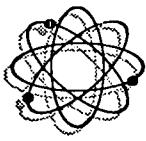
Surrogate Expected: 100

Unit of measure: ug/L

Acceptability Limits: 68.2 - 116

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
9513	SL1	89.6	89.6
9514	SL2	89.8	89.8
9515	SL4	89.6	89.6
9516	SL6A	89.6	89.6
9517	SL7	89.8	89.8
9518	SL8	90.0	90.0
9519	SL9	90.0	90.0





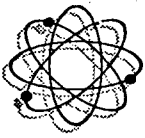
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 2

### Matrix Spike Recovery

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

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	04-30-98	32.0	<1	33.4	104%	32.7	102%	21.5 - 41.8	0.495	0 - 5.57
1,1,2,2-tetrachloroethane	ug/L	EPA601	04-30-98	32.0	<1	34.2	107%	34.5	108%	21.6 - 42.4	0.212	0 - 5.46
1,1,2-trichloroethane	ug/L	EPA601	04-30-98	32.0	<1	33.3	104%	33.5	105%	21.1 - 41.2	0.141	0 - 5.80
1,1-dichloroethane	ug/L	EPA601	04-30-98	32.0	<1	32.6	102%	32.3	101%	22.3 - 40.7	0.212	0 - 5.37
1,1-dichloroethene	ug/L	EPA601	04-30-98	32.0	<1	29.8	93.1%	29.5	92.2%	19.0 - 44.0	0.212	0 - 7.20
1,2-dichloroethane	ug/L	EPA601	04-30-98	32.0	<0.3	33.8	106%	33.3	104%	20.4 - 41.5	0.354	0 - 6.88
1,2-dichloropropane	ug/L	EPA601	04-30-98	32.0	<0.25	35.2	110%	35.4	111%	20.5 - 44.1	0.141	0 - 6.54
Bromodichloromethane	ug/L	EPA601	04-30-98	32.0	<1	32.5	102%	32.8	103%	21.6 - 40.6	0.212	0 - 5.43
Bromoform	ug/L	EPA601	04-30-98	32.0	<1	30.3	94.7%	30.6	95.6%	18.0 - 46.0	0.212	0 - 7.23
cis-1,3-dichloropropene	ug/L	EPA601	04-30-98	32.0	<1	32.6	102%	33.0	103%	22.9 - 39.5	0.283	0 - 4.71
Carbon tetrachloride	ug/L	EPA601	04-30-98	32.0	<1	34.3	107%	33.8	106%	21.4 - 41.8	0.354	0 - 5.97
Chloroform	ug/L	EPA601	04-30-98	32.0	<0.3	33.3	104%	32.9	103%	21.1 - 38.3	0.283	0 - 5.16
Dibromochloromethane	ug/L	EPA601	04-30-98	32.0	<1	32.8	103%	33.2	104%	20.8 - 41.9	0.283	0 - 5.36
Methylene chloride	ug/L	EPA601	04-30-98	32.0	<1	30.5	95.3%	29.8	93.1%	20.6 - 37.6	0.495	0 - 5.00
trans-1,3,-dichloropropene	ug/L	EPA601	04-30-98	32.0	<1	31.2	97.5%	31.2	97.5%	22.4 - 40.4	0.000	0 - 4.67
Tetrachloroethene	ug/L	EPA601	04-30-98	32.0	<1	33.0	103%	33.0	103%	19.6 - 45.0	0.000	0 - 7.71
1,2-dibromo-3-chloropropane	ug/L	EPA601	04-30-98	32.0	<1	31.1	97.2%	31.2	97.5%	18.9 - 47.0	0.071	0 - 6.65
Chloroethane	ug/L	EPA601	04-30-98	32.0	<3	25.9	80.9%	28.8	90.0%	17.6 - 44.7	2.05	0 - 8.63
o-dichlorobenzene	ug/L	EPA602	04-30-98	32.0	<0.5	32.1	100%	32.8	103%	21.1 - 41.3	0.495	0 - 5.27
m-dichlorobenzene	ug/L	EPA602	04-30-98	32.0	<0.5	31.8	99.4%	31.7	99.1%	19.7 - 43.5	0.071	0 - 6.65
Para-dichlorobenzene	ug/L	EPA602	04-30-98	32.0	<0.5	35.5	111%	35.4	111%	19.2 - 44.4	0.071	0 - 7.14
Benzene	ug/L	EPA602	04-30-98	32.0	<0.2	34.8	109%	35.4	111%	22.5 - 40.1	0.424	0 - 4.63
Chlorobenzene	ug/L	EPA602	04-30-98	32.0	<0.5	32.9	103%	32.3	101%	22.3 - 43.0	0.424	0 - 5.30
Ethylbenzene	ug/L	EPA602	04-30-98	32.0	<0.5	33.5	105%	33.9	106%	23.2 - 39.9	0.283	0 - 4.15
Toluene	ug/L	EPA602	04-30-98	32.0	<0.5	31.0	96.9%	31.6	98.8%	21.8 - 40.5	0.424	0 - 5.06
Xylene	ug/L	EPA602	04-30-98	96.0	<0.5	90.5	94.3%	92.2	96.0%	62.2 - 126	1.20	0 - 17.6
Methyl-tert-butylether	ug/L	EPA602	04-30-98	32.0	<0.5	31.2	97.5%	29.7	92.8%	18.2 - 39.9	1.06	0 - 6.23
Total_BTEX	ug/L	EPA602	04-30-98	192	<0.5	190	99.0%	193	101%	132 - 244	2.12	0 - 29.0
Ammonium(as N)	mg/L	EPA350.1	05-12-98	0.200	0.043	0.293	125%	0.352	154%	0.091 - 0.365	0.042	0 - 0.064



# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 2

### Matrix Spike Recovery

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits



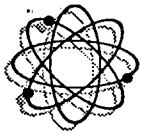
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 3

### Method Blank Report

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

Analyte	Unit	Method	Date	Concentration
1,1,1-trichloroethane	ug/L	EPA601	04-30-98	<1
1,1,2,2-tetrachloroethane	ug/L	EPA601	04-30-98	<1
1,1,2-trichloroethane	ug/L	EPA601	04-30-98	<1
1,1-dichloroethane	ug/L	EPA601	04-30-98	<1
1,1-dichloroethene	ug/L	EPA601	04-30-98	<1
1,2-dichloroethane	ug/L	EPA601	04-30-98	<0.3
1,2-dichloropropane	ug/L	EPA601	04-30-98	<0.25
2-chloroethylvinylether	ug/L	EPA601	04-30-98	<1
Bromodichloromethane	ug/L	EPA601	04-30-98	<1
Bromoform	ug/L	EPA601	04-30-98	<1
cis-1,3-dichloropropene	ug/L	EPA601	04-30-98	<1
Carbon tetrachloride	ug/L	EPA601	04-30-98	<1
Chloroform	ug/L	EPA601	04-30-98	<0.3
Dibromochloromethane	ug/L	EPA601	04-30-98	<1
Methylene chloride	ug/L	EPA601	04-30-98	<1
trans-1,3,-dichloropropene	ug/L	EPA601	04-30-98	<1
Trichlorofluoromethane	ug/L	EPA601	04-30-98	<2
t-1,2-dichloroethene	ug/L	EPA601	04-30-98	<1
Trichloroethene	ug/L	EPA601	04-30-98	<1
Tetrachloroethene	ug/L	EPA601	04-30-98	<1
1,2-dibromo-3-chloropropane	ug/L	EPA601	04-30-98	<1
Bromomethane	ug/L	EPA601	04-30-98	<5
Chloroethane	ug/L	EPA601	04-30-98	<3
Chloromethane	ug/L	EPA601	04-30-98	<5
Dichlorodifluoromethane	ug/L	EPA601	04-30-98	<2
Vinyl chloride	ug/L	EPA601	04-30-98	<0.5
o-dichlorobenzene	ug/L	EPA602	04-30-98	<0.5
m-dichlorobenzene	ug/L	EPA602	04-30-98	<0.5
Para-dichlorobenzene	ug/L	EPA602	04-30-98	<0.5



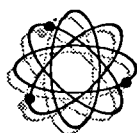
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 3

### Method Blank Report

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

Analyte	Unit	Method	Date	Concentration
Benzene	ug/L	EPA602	04-30-98	<0.2
Chlorobenzene	ug/L	EPA602	04-30-98	<0.5
Ethylbenzene	ug/L	EPA602	04-30-98	<0.5
Toluene	ug/L	EPA602	04-30-98	<0.5
Xylene	ug/L	EPA602	04-30-98	<0.5
Methyl-tert-butylether	ug/L	EPA602	04-30-98	<0.5
Total_BTEX	ug/L	EPA602	04-30-98	<0.5
Turbidity	NTU	EPA180.1	04-29-98	<0.05
Ammonium(as N)	mg/L	EPA350.1	05-12-98	0.018



# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 4

### QCCS Sample Recovery

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,1,1-trichloroethane	ug/L	EPA601	04-30-98	40.0	40.6	102%	29.1 - 48.4
1,1,2,2-tetrachloroethane	ug/L	EPA601	04-30-98	40.0	44.7	112%	32.3 - 52.5
1,1,2-trichloroethane	ug/L	EPA601	04-30-98	40.0	45.7	114%	30.5 - 52.7
1,1-dichloroethane	ug/L	EPA601	04-30-98	40.0	41.3	103%	28.8 - 49.6
1,1-dichloroethene	ug/L	EPA601	04-30-98	40.0	37.5	93.8%	25.0 - 52.8
1,2-dichloroethane	ug/L	EPA601	04-30-98	40.0	43.8	110%	30.1 - 49.6
1,2-dichloropropane	ug/L	EPA601	04-30-98	40.0	46.0	115%	31.8 - 53.0
Bromodichloromethane	ug/L	EPA601	04-30-98	40.0	43.0	108%	30.3 - 49.5
Bromoform	ug/L	EPA601	04-30-98	40.0	39.2	98.0%	28.0 - 57.6
cis-1,3-dichloropropene	ug/L	EPA601	04-30-98	40.0	43.0	108%	30.8 - 50.0
Carbon tetrachloride	ug/L	EPA601	04-30-98	40.0	43.8	110%	29.8 - 48.7
Chloroform	ug/L	EPA601	04-30-98	40.0	42.5	106%	27.6 - 46.3
Dibromochloromethane	ug/L	EPA601	04-30-98	40.0	45.1	113%	30.8 - 53.2
Methylene chloride	ug/L	EPA601	04-30-98	40.0	37.8	94.5%	25.1 - 49.0
trans-1,3,-dichloropropene	ug/L	EPA601	04-30-98	40.0	41.3	103%	30.2 - 51.4
Tetrachloroethene	ug/L	EPA601	04-30-98	40.0	43.0	108%	30.2 - 52.2
1,2-dibromo-3-chloropropane	ug/L	EPA601	04-30-98	40.0	40.7	102%	27.4 - 58.2
Chloroethane	ug/L	EPA601	04-30-98	40.0	42.7	107%	26.8 - 55.6
o-dichlorobenzene	ug/L	EPA602	04-30-98	40.0	45.8	115%	33.1 - 51.7
m-dichlorobenzene	ug/L	EPA602	04-30-98	40.0	46.1	115%	32.6 - 54.6
Para-dichlorobenzene	ug/L	EPA602	04-30-98	40.0	49.8	125%	32.4 - 55.6
Benzene	ug/L	EPA602	04-30-98	40.0	40.9	102%	29.2 - 48.6
Chlorobenzene	ug/L	EPA602	04-30-98	40.0	42.1	105%	33.0 - 55.0
Ethylbenzene	ug/L	EPA602	04-30-98	40.0	40.6	102%	29.5 - 50.5
Toluene	ug/L	EPA602	04-30-98	40.0	37.7	94.3%	29.4 - 48.3
Xylene	ug/L	EPA602	04-30-98	120	113	94.2%	81.6 - 153
Methyl-tert-butylether	ug/L	EPA602	04-30-98	40.0	33.1	82.8%	22.1 - 46.8
Total_BTEX	ug/L	EPA602	04-30-98	240	232	96.7%	172 - 297
Turbidity	NTU	EPA180.1	04-29-98	4.00	4.00	100%	2.76 - 6.00



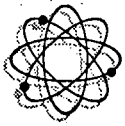
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 4

### QCCS Sample Recovery

Client: Cent. Testing Lab  
Project Number: Sumter Indfl.  
P.O. Number: 4-29-98  
Date Sampled: 29-Apr-98  
Lab Numbers: 9513 - 9519

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Ammonium(as N)	mg/L	EPA350.1	05-12-98	0.500	0.534	107%	0.407 - 0.594



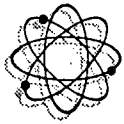
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 5

### Standards Traceability

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot	
		Lot #	Lot #	By	Received	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std	
1,1,1-trichloroethane	Accustandard		Standard				Lot										
1,1,2,2-tetrachloroethane	Accustandard																
1,1,2-trichloroethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.06	>1.65	0.979	0.079	1.07	0.014	
1,1-dichloroethane	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98							
1,1-dichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.06	>1.65	0.979	0.079	1.07	0.014	
1,2-dichloroethane	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98							
1,2-dichloropropane	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			0.931	0.131	1.13	0.054	
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.

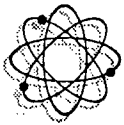
## QA Section 5

### Standards Traceability

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

		Manufacturer	Rec	Rec	Date	Valid	Prep	Prep	Date	Valid	t-test	t-test	Contro	Contro	Lot	Lot	
		Lot #	Lot #	By	Received	Until	Lot #	By	Prepared	Until		range	Mean	Std	Mean	Std	
1,1,1-trichloroethane	Accustandard		Standard				Lot										
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	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.25	>1.68	0.931	0.137	1.03	0.081	
QCCS	Ultra	K-1145	601	DO	11-26-96	09-09-98	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	3.25	>1.68	0.931	0.137	1.03	0.081	
t-1,2-dichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	10.2	>1.68	1.01	0.028	1.00	0.052	
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	10.2	>1.68	1.01	0.036	1.00	0.052	
Trichloroethene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.10	>1.76	0.970	0.060	1.03	0.040	
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	0.970	0.060	1.03	0.040	
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							





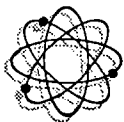
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 5

### Standards Traceability

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

		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	
		Standard					Lot										
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		
Vinyl chloride	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.57	>1.68	1.01	0.066	1.01	0.020	
QCCS																	
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.57	>1.68	1.01	0.066	1.01	0.020	
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	3.39	>1.71	0.951	0.066	1.03	0.072	
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	1.02		0.059	0.999	0.049		
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072	
Chlorobenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.09	>1.68	0.976	0.052	1.04	0.063	
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	1.05		0.157	0.947	0.103		
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	5.09	>1.68	0.976	0.052	1.04	0.063	
Ethylbenzene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072	
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	1.02		0.059	0.999	0.049		
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072	
Toluene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072	
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	1.02		0.059	0.999	0.049		
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072	
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	4.79	>1.68	1.01	0.058	1.07	0.083	
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	6.64	>1.71	0.965	0.056	0.973	0.056	
M&P-Xylene	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	7.17	>1.66	0.999	0.060	0.994	0.028	
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98	1.02		0.059	1.04	0.033		



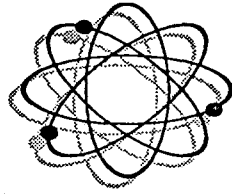
# FLOWERS CHEMICAL LABORATORIES, INC.

## QA Section 5

### Standards Traceability

Client: Cent. Testing Lab  
 Project Number: Sumter Indfl.  
 P.O. Number: 4-29-98  
 Date Sampled: 29-Apr-98  
 Lab Numbers: 9513 - 9519

		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															
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	7.17	>1.66	0.999	0.060	0.994	0.028
Methyl-tert-butylether	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072
QCCS	Accustandard	A7040209	688	DO	05-15-97	05-01-98	780	DO	06-16-97	05-01-98			1.02	0.059	0.999	0.049
Matrix Spike	Accustandard	A7040262	687	DO	05-15-97	05-01-98	763	DO	05-15-97	05-01-98	3.39	>1.71	0.951	0.066	1.03	0.072
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						
EPA180.1 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	01-01-97	14	JSF	01-01-95	01-01-97						
EPA350.1 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: 9513 - 9519

## Lab # 9513

Container 165645 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9514

Container 165721 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9515

Container 165724 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9516

Container 165716 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9517

Container 165641 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9518

Container 165643 Plastic Bottle 250 ml:

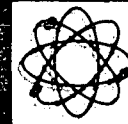
Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

## Lab # 9519

Container 165723 Plastic Bottle 250 ml:

Aux Mbl Cart 5 Shl Steven Welsh                      Wed, 04/29/98 03:29PM

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



CHEMICAL LABORATORIES INCORPORATED

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

CHAIN OF CUSTODY RECORD

Client Central Testing Lab  
Address P.O. Box 853  
Floral City FL 34431  
Phone 352-726-6440

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

P.O. Number \_\_\_\_\_  
Project Name / No. Sumter Canal All  
Contact \_\_\_\_\_

Sampled By (PRINT): Ron Ebel  
Sampler Signature Ron Ebel Date Sampled 4-29-98

NO. OF CONTAINERS	PRESERVATIVES				ANALYSES REQUEST
	UNPRESERVED	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	
					<u>601/602</u>
					<u>TA</u>
					<u>NH4</u>
					<u>40c</u>

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	LAB NO.
1	SL1			9513
2	SL2			14
3	SL4			15
4	SL6A			16
5	SL7			17
6	SL8			18
	SL9			9519

CARRIER	BAILERS	SHIP DATES		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		OUT / DATE	RETURNED / DATE						
				<u>Ron Ebel</u>	<u>4-29-98</u>	<u>10:45A</u>			
SPECIAL INSTRUCTIONS									

SHIP WITH SAMPLES/TO BE RETURNED WITH RESULTS

[Signature] 4/29/98 1431