

Bioassays of

City of Apalachicola Wastewater Treatment Plant

Franklin County

NPDES #FL0038857

Sampled October 13, 15, and 17, 2003

April 2004

Biology Section
Bureau of Laboratories
Division of Resource Assessment and Management

Quality Manual No. 870346G
NELAC Certification No. E31780

The City of Apalachicola Wastewater Treatment Plant, located south of the Apalachicola Airport, off U.S. Highway 98, Franklin County, Apalachicola, Florida, NPDES #FL0038857. Effluent samples for this facility were collected on October 13, 15, and 17, 2003.

Introduction

The Apalachicola Wastewater Treatment Plant (WWTP) has a design flow of 1.0 million gallons per day (MGD) and an average flow of 0.600 MGD (reported from monthly averages from January 2000 – June 2003). Wastewater is treated by the Sequencing Batch Reactor (SBR) process. The SBR operates in anoxic/aerobic, anoxic, aerobic, and anaerobic phases. The wastewater treatment process includes screening, grit removal, nitrification, denitrification, secondary clarification, equalization, filtration, re-aeration, chlorination, dechlorination by sulfur dioxide, digestion of solids and sludge dewatering. The dewatered sludge is transported to the Franklin County Landfill, while the effluent is discharged to an unnamed receiving wetland, which discharges into the Class III freshwaters of Huckleberry Creek (facility information provided by David Kriger, FDEP, Northwest District Branch Office).

This sampling event was initiated due to the invalidation of the *Ceriodaphnia dubia* chronic bioassay that was performed on effluent samples collected from this facility during the week of September 8, 2003. The *Pimephales promelas* chronic bioassay performed during this earlier period produced a No Observed Effect Concentration (NOEC) of 100% sample, showing no toxic response for survival or growth.

Methods

Samples were collected from the NPDES sampling point by David Kriger following DEP-SOP-001/01 FS 2400 Wastewater Sampling. All DEP SOP's are available on the web at: http://www.floridadep.org/labs/qa/sops.htm

The toxicity tests discussed in this report were performed following internal DEP SOP's TA07_05 and TA07_09. All internal DEP SOP's are available on the web at: http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp

Toxicity Test Results

Tests were performed on October 14-21 2003.

Ceriodaphnia dubia chronic screening bioassay – No Observed Effect Concentration = 100%
Pimephales promelas chronic screening bioassay – No Observed Effect Concentration = 100%

These results showed that the effluent was in compliance with the facility's NPDES permit requirement of a No Observed Effect Concentration (NOEC) of not less than 100%.

See Table 1 for bioassay bench sheets.

Algal Growth Potential

Samples for the algal growth potential bioassay were not collected.

Chemistry Results

Total residual chlorine was not detected in effluent samples in the field or in the laboratory. Total ammonia was detected in the laboratory for each of the three-bioassay samples at concentrations of 2.48 mg/L, 3.10 mg/L, and 4.10 mg/L, respectively. The calculated unionized ammonia concentrations for these three samples were 0.293 mg/L, 0.447 mg/L, and 0.304 mg/L. These

samples were preserved in ice and were not acidified as were samples collected specifically for ammonia analyses.

The total ammonia concentrations in the three samples that were preserved for chemical analyses were 1.5 mg/L, 2.9 mg/L and 3.6 mg/L, respectively. The unionized ammonia concentrations for the preserved samples were calculated based on the temperature and pH of the samples when collected. The calculated unionized ammonia concentrations, 0.05 mg/L, 0.13 mg/L and 0.16 mg/L, for these samples exceeded the unionized ammonia Water Quality Criterion for Class III freshwater of ≤ 0.02 mg/L (62-302.530(3) F.A.C.).

The concentration of silver in the samples collected on 10/15/03 (0.24 µg/L) and 10/17/03 (0.23 µg/L) exceeded the Class III Water Quality Criterion for silver of ≤ 0.07 µg/L (62-302.530(60) F.A.C.).

See Table 2 for results of analytes detected in the effluent.

See Appendix 1 for a complete list of chemical analyses performed.

See Appendix 2 for discharge monitoring data covering the period from January 1, 2000 to June 30, 2003.

Conclusion

Toxicity bioassays performed on effluent samples collected from this facility on October 13, 15, and 17, 2003, produced No Observed Effect Concentrations of 100% effluent. Unionized ammonia concentrations in samples collected on October 13, 15, and 17, 2003, and silver concentrations in samples collected on October 15 and 17, 2003, exceeded Class III freshwater Water Quality Criteria.

Literature Cited

Miller, W. E., T. E. Maloney, and J. C. Greene. 1978. The *Selenastrum capricornutum* Printz algal assay bottle test. EPA-600/9-78-018. U. S. EPA, Cincinnati, Ohio. 126 p.

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Wolfe, *et al*. 1995. *Protocols for determining Major-Seawater-Ion Toxicity in Membrane-Technology Water-Treatment Concentrate*. Florida Department of Environmental Protection, Bureau of Laboratories. 96pp.

Table 1. continued

Data recorded during the chronic screening bioassays of a sample of effluent from the City of Apalachicola WWTP, located south of Apalachicola Airport, off U.S. Highway 98, Apalachicola, Franklin County, Florida, NPDES# FL0038857, performed from 14 October to 21, 2003.

Facility:	**City of Apalachicola WWTP**		**NPDES #:**	**FL0038857**	Facility Type:	**Wastewater Treatment Plant**	**Analysts:** Marshall Faircloth, Joshua Ayres, Christa Pierini
Location:	South of Apalachicola Airport, off U.S. Hwy 98		Contact/District:	Kriger/NW			
County:	Franklin		Test type:	chronic renewal screen			
Sample #1 Collection Date:	10/13/2003	Time: 0900	# tests:	2	Receiving Water:	Receiving Wetland (unnamed) to Huckleberry Creek Class III Freshwater	
Sample #2 Collection Date:	10/15/2003	Time: 0900	Chlorination Type:	dechlorinated (facility dechlorination unit)			
Sample #3 Collection Date:	10/17/2003	Time: 0900					
Test Beginning Date:	10/14/2003	Time: 1330				**Page 1 of 3**	
Test Ending Date:	10/21/2003	Time: 1430	FDEP SOP#:	TA07_05			**Reviewer:** Julie Espy

Organism: ***Ceriodaphnia dubia*** Life stage: < 24 hour [A]Feeding: YCT/Algae
Chamber size: 30 ml Food Batch #: #3/#7

	Sample/Diluent	# Young								
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	72 hr	96 hr	120 hr	144 hr	168 hr	Total
Control A	0/20	0	0	0	0	4	3	0	15	22
Control B	0/20	0	0	0	3	0	9	13	0	25
Control C	0/20	0	0	0	0	5	8	0	15	28
Control D	0/20	0	0	0	0	4	0	7	12	23
Control E	0/20	0	0	0	0	4	0	10	15	29
Control F	0/20	0	0	0	0	6	0	9	13	28
Control G	0/20	0	0	0	0	5	9	0	2	16
Control H	0/20	0	0	0	0	4	8	0	15	27
Control I	0/20	0	0	0	0	5	0	10	1	16
Control J	0/20	0	0	0	0	4	6	0	11	21
100% A	20/0	0	0	0	0	5	7	0	21	33
100% B	20/0	0	0	0	6	0	8	13	0	27
100% C	20/0	0	0	0	0	4	9	0	14	27
100% D	20/0	0	0	0	0	4	5	0	9	18
100% E	20/0	0	0	0	0	4	6	0	12	22
100% F	20/0	0	0	0	0	5	10	0	13	28
100% G	20/0	0	0	0	0	5	8	0	12	25
100% H	20/0	0	0	0	0	6	4	0	12	22
100% I	20/0	0	0	0	0	4	6	0	8	18
100% J	20/0	0	0	0	0	4	6	0	12	22

Test Statistics	Method	NOEC
Survival	t test	100%
Reproduction	t test	100%

Test statistics	t value	Probability
Survival	0.0000	p>0.05
Reproduction	0.3295	p<0.05

Adult Mortality	Percent
Control	0%
100%	0%

Total Young	# Young	Young per Adult
Control	235	23.5
100%	242	24.2

[A] Organisms were fed daily.

[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 23.5 - 25.0 °C.
Incubator #3 temperature range for the test period was 24.0 - 25.0 °C.

[C] DO = Dissolved Oxygen

Light Intensity during the test was 50-100 foot candles.
Photoperiod during the test was 16 hours of light : 8 hours of dark.

LIMS	
Job number 1:	TLH-2003-10-13-02
sample number 1:	708792
Job number 2:	TLH-2003-10-15-60
sample number 2:	709701
Job number 3:	TLH-2003-10-17-37
sample number 3:	710414

Data Transcription Verification
date: 1/05/04
by: Josh Ayres/James Daniels

Total Resid. Cl2	mg/L	Method
Field 100% sample	0.00	field meter
Lab Sample 1:	<0.03	Hach
Lab Sample 2:	<0.03	Hach
Lab Sample 3:	<0.03	Hach
[E]Ctrl water DMW #35:	<0.03	Hach
[E]Ctrl water DMW #36:	<0.03	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
[E]Ctrl water DMW #35:	<0.017	<0.017
[E]Ctrl water DMW #36:	<0.017	<0.017
100% Sample 1:	2.48	0.293
100% Sample 2:	3.10	0.447
100% Sample 3:	4.10	0.304

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
[E]Ctrl water DMW #35:	79	88
[E]Ctrl water DMW #36:	81	95
100% Sample 1:	244	290
100% Sample 2:	244	305
100% Sample 3:	256	306

[D] Salinity	ppt
100% Sample 1:	<1
100% Sample 2:	<1
100% Sample 3:	<1
[E]Ctrl water DMW #35:	<1
[E]Ctrl water DMW #36:	<1

[D] Salinity based on conductivity and temperature.

[E]Ctrl = Control

Ceriodaphnia dubia

			After Renewal "new sample"			Conductivity Uncorrected	Before Renewal "old sample"	
Concentrations	Surrogate	Hour	pH	[B] Temp. (°C)	[C] DO (mg/L)	umhos/cm	pH	[C] DO (mg/L)
Control	A	0	8.1	24.5	8.3	167	-	-
100%			8.3	24.7	7.7	856	-	-
Control	B	24	8.2	24.9	8.3	170	8.1	8.0
100%			8.0	24.8	8.4	965	8.4	8.1
Control	C	48	8.2	24.3	8.0	170	8.4	8.0
100%			8.4	24.4	8.3	890	8.5	7.9
Control	D	72	8.1	24.4	7.8	175	8.0	7.4
100%			8.0	24.0	8.2	890	8.5	7.5
Control	E	96	8.2	23.8	8.2	180	8.2	8.0
100%			8.4	23.7	7.7	965	8.4	7.9
Control	F	120	8.2	24.7	6.8	178	8.3	7.7
100%			8.1	24.6	7.5	864	8.2	7.6
Control	G	144	8.2	24.2	7.7	170	8.2	7.7
100%			8.4	24.3	7.7	935	8.2	7.5
Control	H	168	-	-	-	-	8.3	7.6
100%			-	-	-	-	8.5	7.8

Table 1. continued

Data recorded during the chronic screening bioassays of a sample of effluent from the City of Apalachicola WWTP, located south of Apalachicola Airport, off U.S. Highway 98, Apalachicola, Franklin County, Florida, NPDES # FL0038857, performed from 14 October to 21, 2003.

Facility:	**City of Apalachicola WWTP**		**NPDES #:**	**FL0038857**	Facility Type:	**Wastewater Treatment Plant**	**Analysts:** Marshall Faircloth
Location:	South of Apalachicola airport, off U.S. Hwy 98		Contact/District:	Kriger/NW			Joshua Ayres
County:	Franklin		Test type:	chronic renewal screen			James Daniels
Sample #1 Collection Date:	10/13/2003	Time: 0900	# tests:	2	Receiving Water:	Receiving wetland (unnamed) to	Christa Pierini
Sample #2 Collection Date:	10/15/2003	Time: 0900	Chlorination Type:	dechlorinated		Huckleberry creek	
Test Beginning Date:	10/14/2003	Time: 1330				**Page 2 of 3**	
Test Ending Date:	10/21/2003	Time: 1430	FDEP SOP#:	TA07_09			**Reviewer:** Julie Espy

Organism: ***Pimephales promelas*** Life stage: < 24 hours [A]Feeding: *Artemia*
Chamber size: 1000 mL Food Batch #: 0194025G

	Sample/Diluent	Survival: Number alive							
Concentration	Volume(mL)	0 hr	24 hr	48 hr	72 hr	96 hr	120 hr	144 hr	168 hr
Control A	0/500	10	10	10	9	9	9	9	9
Control B	0/500	10	10	10	9	9	9	9	9
Control C	0/500	10	10	10	7	7	7	7	7
Control D	0/500	10	10	9	7	7	7	7	7
100% A	500/0	10	10	10	10	9	9	9	9
100% B	500/0	10	10	10	10	10	10	10	10
100% C	500/0	10	10	10	10	8	8	8	8
100% D	500/0	10	10	10	10	10	10	10	10

Test statistic	Method	NOEC
Survival	t test	100%

Test statistic	t test value	Probability
Survival	1.7432	p>0.05

Mortality	Percent
Control	20%
100%	8%

LIMS	
Job number 1:	TLH-2003-10-13-02
sample number 1:	708792
Job number 2:	TLH-2003-10-15-60
sample number 2:	709701
Job number 3:	TLH-2003-10-17-37
sample number 3:	710414

Data Transcription Verification
date: 1/05/2004
by: Josh Ayres/James Daniels

[A] Organisms were fed daily.
[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
[C] DO = Dissolved oxygen
Light Intensity during the test was 50-100 foot candles.
Room Temperature range for the test period was 23.5 - 25.0°C.
Photoperiod during the test was 16 hours of light : 8 hours of dark.
Incubator #3 temperature range for the test period was 24.0-25.0°C.

			Before Renewal			Conductivity Uncorrected	After Renewal			Conductivity Uncorrected
Concentration	Replicate	Hour	pH	[B] Temp. (°C)	[C] DO (mg/L)	umhos/cm	pH	[B] Temp. (°C)	[C] DO (mg/L)	umhos/cm
Control	A	0	7.8	24.2	8.1	290	-	-	-	-
100%			8.3	24.3	8.1	901	-	-	-	-
Control	B	24	8.1	25.4	7.8	315	8.1	24.0	8.3	310
100%			8.5	25.3	7.5	960	8.2	24.0	8.3	1010
Control	C	48	7.8	24.7	7.1	310	8.2	24.2	6.9	300
100%			8.4	24.8	7.0	1000	8.4	24.2	7.5	930
Control	D	72	7.8	24.0	7.5	350	8.1	24.0	7.8	300
100%			8.4	24.0	7.4	1040	8.3	24.1	7.9	905
Control	A	96	7.5	24.0	7.6	300	7.9	23.9	8.2	310
100%			8.1	24.4	6.6	970	8.1	23.7	8.0	970
Control	B	120	7.7	25.3	6.1	403	8.0	24.6	7.3	302
100%			8.3	24.8	6.1	955	8.2	24.7	7.0	936
Control	C	144	8.0	24.4	6.7	330	7.9	24.0	8.0	315
100%			8.5	24.0	6.8	975	8.5	24.0	7.5	920
Control	D	168	8.4	24.4	7.2	368	-	-	-	-
100%			8.4	24.1	6.5	986	-	-	-	-

Total Resid. Cl2	mg/L	Method
Field 100% sample 1:	0.00	field meter
Field 100% sample 2:	0.00	field meter
Field 100% sample 3:	0.00	field meter
Lab Sample 1:	<0.03	Hach
Lab Sample 2:	<0.03	Hach
Lab Sample 3:	<0.03	Hach
Control Water MHW #21:	<0.03	Hach

MHW = moderately hard water

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water MHW #21 :	<0.017	<0.017
100% Sample 1:	2.48	0.293
100% Sample 2:	3.10	0.447
100% Sample 3:	4.10	0.304

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water MHW #21:	79	91
100% Sample 1:	244	290
100% Sample 2:	244	305
100% Sample 3:	257	306

[D] Salinity	ppt
100% sample 1:	<1
100% sample 2:	<1
100% sample 3:	<1
Control water MHW #21:	<1

[D] Salinity based on conductivity and temperature.

Table 1. concluded

Data recorded during the chronic screening bioassays of a sample of effluent from the City of Apalachicola WWTP, south of Apalachicola Airport, off U.S. Highway 98, Apalachicola, Franklin County, Florida, NPDES# FL0038857, performed from 14 October to 21, 2003.

Facility:	**City of Apalachicola WWTP**		**NPDES #:**	**FL0038857**	Facility Type:	**Wastewater Treatment Plant**	**Analysts:** Marshall Faircloth
Location:	South of Apalachicola airport, off U.S. Hwy 98		Contact/District:	Kriger/NW			Joshua Ayres
County:	Franklin		Test type:	Chronic renewal screen			James Daniels
Sample #1 Collection Date:	10/13/2003	Time: 0900	# tests:	2	Receiving Water:	Receiving wetland (unnamed) to	Christa Pierini
Sample #2 Collection Date:	10/15/2003	Time: 0900	Chlorination Type:	dechlorinated		Huckleberry Creek	
Sample #3 Collection Date:	10/17/2003	Time: 0900		(facility dechlorination unit)		Class III Freshwater	
Test Beginning Date:	10/14/2003	Time: 1330				**Page 3 of 3**	
Test Ending Date:	10/21/2003	Time: 1430	FDEP SOP#:	TA07_09			**Reviewer:** Julie Espy
Tare weighing Date:	10/21/2003						
Final weighing Date:	10/24/2003						

Test Species		**A**	**B**	**B-A**	**C**	**(B-A)/10[A]**
Pimepales promelas		Pan weight (g)	Dry weight of pan + larvae (g)	Total dry weight of larvae (g)	Initial number of larve	Mean dry weight/larva (mg)
Concentration	Rep #					
Control A	E1	0.02567	0.02903	0.00336	10	0.336
Control B	E2	0.02638	0.03008	0.00370	10	0.370
Control C	E3	0.02608	0.02993	0.00385	10	0.385
Control D	E4	0.02581	0.02889	0.00308	10	0.308
100% A	E5	0.02550	0.02982	0.00432	10	0.432
100% B	E6	0.02582	0.03031	0.00449	10	0.449
100% C	E7	0.02539	0.02965	0.00426	10	0.426
100% D	E8	0.02464	0.02867	0.00403	10	0.403

Test statistic	**Method**	**NOEC**
Biomass	t test	100%

Test statistic	**t test value**	**Probability**
Biomass	3.9413	p<0.05

[A] Mean dry weight is determined by dividing the total dry weight per replicate by the number of larve originally loaded in that replicate.

Table 2. Effluent limits, Class III Criteria and chemical data from samples collected from the City of Apalachicola WWTP on 13, 15 and 17 October, 2003.

Apalachicola WWTP	Class III Stds	Effluent Limits	Effluent Samples 10/13/03	Effluent Samples 10/15/03	Effluent Samples 10/17/03
Organic Constituents (µg/L)					
None Detected	-	-	-	-	-
Metals (µg/L unless otherwise noted)					
Aluminum	-	-	27 I	58	54
Arsenic	≤ 50	-	6 U	6 U	6 U
Cadmium	≤ 2.9 h	-	0.025 U	0.025 U	0.025 U
Calcium (mg/L)	-	-	53.8	56.2	57.9
Chromium-III	≤ 228.6 h	-	3 U	3 U	3 U
Copper	≤ 25.8 h	-	2.6 I	3.2 I	3.1 I
Lead	≤ 14.5 h	-	0.16 I	0.25	0.25
Magnesium (mg/L)	-	-	47.3	40.8	42.3
Nickel	≤ 142.9 h	-	6.8 U	3 U	3 U
Selenium	≤ 5	-	1 U	1 U	1 U
Silver	≤ 0.07	0.07 m	0.062 I	0.24	0.23
Zinc	≤ 328.8 h	-	16 I	20	20
Nutrients (mg/L)					
Ammonia	-	-	1.5	2.9	3.6 A
Unionized Ammonia	≤ 0.02	-	0.05 c	0.13 c	0.16 c
Organic Nitrogen	-	-	1.5 c	2.9 c	3.6 c
General Physical and Chemical Parameters					
pH (S.U.)	6.0 - 8.5	6.0 - 8.5	7.6	7.8	7.8
Temperature (C)	-	-	25.4	25.2	25.2
Hardness (mg/L)	-	-	329.1 c	308.3 c	318.8 c
Total Residual Chlorine (mg/L) (Field)	≤ 0.01	-	< 0.01	< 0.01	< 0.01
Total Residual Chlorine (mg/L) (Lab)	≤ 0.01	-	<0.03 p	<0.03 p	<0.03 p

c - calculated value.
h - Value is based on water hardness as mg/L CaCO3.
m - Daily maximum value
p - Material was analyzed for and not detected. Value reported (0.03) is laboratory quantitation limit.
A - Value reported is the mean of two or more determinations
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U - Material was analyzed for but not detected. The value reported is the minimum detection limit.

Appendix 1. Chemical Analyses performed on the effluent from City of Apalachicola WWTP sampled on October 13, 15, & 17, 2003.

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
10/13/2003 9:00	EFFLUENT	Bio-Toxicology	Bioassay-Chronic-Scrn-FW-C.dubia, NOEC	100	NOEC			
10/13/2003 9:00	EFFLUENT	Bio-Toxicology	Bioassay-Chronic-Scrn-FW-Fish, NOEC	100	NOEC			
10/13/2003 11:20	EFFLUENT	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	1,2,4-Trichlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	1,2-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	1,3-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	1,4-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	77
10/13/2003 11:20	EFFLUENT	BNA-Water	1-Naphthylamine	9.6	ug/L	UJ	9.6	38
10/13/2003 11:20	EFFLUENT	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4,5-Trichlorophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4,6-Trichlorophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4-Dichlorophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	58
10/13/2003 11:20	EFFLUENT	BNA-Water	2,4-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2,6-Dichlorophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2,6-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Acetylaminofluorene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Chloronaphthalene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Chlorophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Methylnaphthalene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Naphthylamine	9.6	ug/L	U	9.6	38
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Nitroaniline	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Nitrophenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	2-Picoline	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
10/13/2003 11:20	EFFLUENT	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	77
10/13/2003 11:20	EFFLUENT	BNA-Water	3-Methylcholanthrene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	3-Nitroaniline	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Bromophenyl phenyl ether	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Chloro-3-methylphenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Chloroaniline	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Nitroaniline	0.96	ug/L	UJ	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	4-Nitrophenol	14	ug/L	U	14	58
10/13/2003 11:20	EFFLUENT	BNA-Water	5-Nitro-o-toluidine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Acenaphthene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Acenaphthylene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Acetophenone	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Aldrin	1.4	ug/L	UJ	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Aniline	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Anthracene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzidine	96	ug/L	U	96	380
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzo(a)anthracene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzo(a)pyrene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzo(b)fluoranthene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzo(g,h,i)perylene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzo(k)fluoranthene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Benzyl alcohol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Bis(2-chloroethoxy)methane	0.96	ug/L	UJ	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Bis(2-chloroethyl)ether	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12

10/13/2003 11:20	EFFLUENT	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	58
10/13/2003 11:20	EFFLUENT	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
10/13/2003 11:20	EFFLUENT	BNA-Water	Chrysene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
10/13/2003 11:20	EFFLUENT	BNA-Water	Di-n-octyl phthalate	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Dibenzo(a,h)anthracene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Dibenzofuran	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Diethyl phthalate	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
10/13/2003 11:20	EFFLUENT	BNA-Water	Dimethylaminoazobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Ethyl methanesulfonate	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Fluoranthene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Fluorene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Heptachlor	1.4	ug/L	UJ	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Hexachlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	UJ	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	Indeno(1,2,3-cd)pyrene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Isophorone	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Isosafrole	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Methapyrilene	3.8	ug/L	UJ	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Methyl methanesulfonate	0.96	ug/L	UJ	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosodi-n-butylamine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosodiethylamine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosomorpholine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosopiperidine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	Naphthalene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	UJ	19	77
10/13/2003 11:20	EFFLUENT	BNA-Water	Pentachlorobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
10/13/2003 11:20	EFFLUENT	BNA-Water	Pentachloronitrobenzene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	12
10/13/2003 11:20	EFFLUENT	BNA-Water	Phenanthrene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Phenol	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Pyrene	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
10/13/2003 11:20	EFFLUENT	BNA-Water	Safrole	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.8
10/13/2003 11:20	EFFLUENT	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.7
10/13/2003 11:20	EFFLUENT	BNA-Water	o-Toluidine	0.96	ug/L	U	0.96	3.8
10/13/2003 11:20	EFFLUENT	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
10/13/2003 11:20	EFFLUENT	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.188

10/13/2003 11:20	EFFLUENT	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
10/13/2003 11:20	EFFLUENT	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
10/13/2003 11:20	EFFLUENT	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Ethion	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
10/13/2003 11:20	EFFLUENT	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
10/13/2003 11:20	EFFLUENT	GC-Water	Metalaxyl	0.24	ug/L	UJ	0.24	0.96
10/13/2003 11:20	EFFLUENT	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.88
10/13/2003 11:20	EFFLUENT	GC-Water	Metribuzin	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
10/13/2003 11:20	EFFLUENT	GC-Water	Naled	0.75	ug/L	U	0.75	3
10/13/2003 11:20	EFFLUENT	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
10/13/2003 11:20	EFFLUENT	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.376
10/13/2003 11:20	EFFLUENT	GC-Water	Phorate	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
10/13/2003 11:20	EFFLUENT	GC-Water	Simazine	0.047	ug/L	U	0.047	0.188
10/13/2003 11:20	EFFLUENT	Metals-Water	Aluminum	27	ug/L	I	7	28
10/13/2003 11:20	EFFLUENT	Metals-Water	Arsenic	6	ug/L	U	6	24
10/13/2003 11:20	EFFLUENT	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
10/13/2003 11:20	EFFLUENT	Metals-Water	Calcium	53.8	mg/L		0.05	0.2
10/13/2003 11:20	EFFLUENT	Metals-Water	Chromium	3	ug/L	U	3	12
10/13/2003 11:20	EFFLUENT	Metals-Water	Copper	2.6	ug/L	I	1	4
10/13/2003 11:20	EFFLUENT	Metals-Water	Lead	0.16	ug/L	I	0.05	0.2
10/13/2003 11:20	EFFLUENT	Metals-Water	Magnesium	47.3	mg/L		0.02	0.08
10/13/2003 11:20	EFFLUENT	Metals-Water	Nickel	6.8	ug/L	U	3	12
10/13/2003 11:20	EFFLUENT	Metals-Water	Selenium	1	ug/L	U	1	4
10/13/2003 11:20	EFFLUENT	Metals-Water	Silver	0.062	ug/L	I	0.02	0.08
10/13/2003 11:20	EFFLUENT	Metals-Water	Zinc	16	ug/L	I	4	16
10/13/2003 11:20	EFFLUENT	Nutrients-Liquid	Ammonia-N	1.5	mg N/L		0.2	0.4
10/15/2003 11:10	EFFLUENT	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	1,2,4-Trichlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	1,2-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	1,3-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	1,4-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	77
10/15/2003 11:10	EFFLUENT	BNA-Water	1-Naphthylamine	9.6	ug/L	UJ	9.6	38
10/15/2003 11:10	EFFLUENT	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4,5-Trichlorophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4,6-Trichlorophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4-Dichlorophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	58
10/15/2003 11:10	EFFLUENT	BNA-Water	2,4-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2,6-Dichlorophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2,6-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Acetylaminofluorene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Chloronaphthalene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Chlorophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Methylnaphthalene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Naphthylamine	9.6	ug/L	U	9.6	38
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Nitroaniline	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Nitrophenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	2-Picoline	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
10/15/2003 11:10	EFFLUENT	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	77
10/15/2003 11:10	EFFLUENT	BNA-Water	3-Methylcholanthrene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	3-Nitroaniline	0.96	ug/L	U	0.96	3.8

10/15/2003 11:10	EFFLUENT	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Bromophenyl phenyl ether	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Chloro-3-methylphenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Chloroaniline	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Nitroaniline	0.96	ug/L	UJ	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	4-Nitrophenol	14	ug/L	U	14	58
10/15/2003 11:10	EFFLUENT	BNA-Water	5-Nitro-o-toluidine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Acenaphthene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Acenaphthylene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Acetophenone	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Aldrin	1.4	ug/L	UJ	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Aniline	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Anthracene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzidine	96	ug/L	U	96	380
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzo(a)anthracene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzo(a)pyrene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzo(b)fluoranthene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzo(g,h,i)perylene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzo(k)fluoranthene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Benzyl alcohol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Bis(2-chloroethoxy)methane	0.96	ug/L	UJ	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Bis(2-chloroethyl)ether	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	58
10/15/2003 11:10	EFFLUENT	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
10/15/2003 11:10	EFFLUENT	BNA-Water	Chrysene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
10/15/2003 11:10	EFFLUENT	BNA-Water	Di-n-octyl phthalate	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Dibenzo(a,h)anthracene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Dibenzofuran	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Diethyl phthalate	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
10/15/2003 11:10	EFFLUENT	BNA-Water	Dimethylaminoazobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Ethyl methanesulfonate	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Fluoranthene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Fluorene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Heptachlor	1.4	ug/L	UJ	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Hexachlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	Indeno(1,2,3-cd)pyrene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Isophorone	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Isosafrole	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Methapyrilene	3.8	ug/L	UJ	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Methyl methanesulfonate	0.96	ug/L	UJ	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosodi-n-butylamine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosodiethylamine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.7

10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosomorpholine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosopiperidine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	Naphthalene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	UJ	19	77
10/15/2003 11:10	EFFLUENT	BNA-Water	Pentachlorobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
10/15/2003 11:10	EFFLUENT	BNA-Water	Pentachloronitrobenzene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	12
10/15/2003 11:10	EFFLUENT	BNA-Water	Phenanthrene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Phenol	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Pyrene	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
10/15/2003 11:10	EFFLUENT	BNA-Water	Safrole	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.8
10/15/2003 11:10	EFFLUENT	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.7
10/15/2003 11:10	EFFLUENT	BNA-Water	o-Toluidine	0.96	ug/L	U	0.96	3.8
10/15/2003 11:10	EFFLUENT	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
10/15/2003 11:10	EFFLUENT	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Atrazine	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
10/15/2003 11:10	EFFLUENT	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
10/15/2003 11:10	EFFLUENT	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Chlorpyrifos Methyl	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Diazinon	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Ethion	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Ethoprop	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
10/15/2003 11:10	EFFLUENT	GC-Water	Fonofos	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Hexazinone	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
10/15/2003 11:10	EFFLUENT	GC-Water	Metalaxyl	0.24	ug/L	UJ	0.24	0.96
10/15/2003 11:10	EFFLUENT	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.92
10/15/2003 11:10	EFFLUENT	GC-Water	Metribuzin	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Mevinphos	0.19	ug/L	UJ	0.19	0.76
10/15/2003 11:10	EFFLUENT	GC-Water	Naled	0.76	ug/L	U	0.76	3.04
10/15/2003 11:10	EFFLUENT	GC-Water	Norflurazon	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
10/15/2003 11:10	EFFLUENT	GC-Water	Parathion Methyl	0.095	ug/L	U	0.095	0.38
10/15/2003 11:10	EFFLUENT	GC-Water	Phorate	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
10/15/2003 11:10	EFFLUENT	GC-Water	Simazine	0.048	ug/L	U	0.048	0.192
10/15/2003 11:10	EFFLUENT	Metals-Water	Aluminum	58	ug/L		7	28
10/15/2003 11:10	EFFLUENT	Metals-Water	Arsenic	6	ug/L	U	6	24
10/15/2003 11:10	EFFLUENT	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
10/15/2003 11:10	EFFLUENT	Metals-Water	Calcium	56.2	mg/L		0.05	0.2
10/15/2003 11:10	EFFLUENT	Metals-Water	Chromium	3	ug/L	U	3	12
10/15/2003 11:10	EFFLUENT	Metals-Water	Copper	3.2	ug/L	I	1	4
10/15/2003 11:10	EFFLUENT	Metals-Water	Lead	0.25	ug/L		0.05	0.2
10/15/2003 11:10	EFFLUENT	Metals-Water	Magnesium	40.8	mg/L		0.02	0.08
10/15/2003 11:10	EFFLUENT	Metals-Water	Nickel	3	ug/L	U	3	12
10/15/2003 11:10	EFFLUENT	Metals-Water	Selenium	1	ug/L	U	1	4
10/15/2003 11:10	EFFLUENT	Metals-Water	Silver	0.24	ug/L		0.02	0.08
10/15/2003 11:10	EFFLUENT	Metals-Water	Zinc	20	ug/L		4	16
10/15/2003 11:10	EFFLUENT	Nutrients-Liquid	Ammonia-N	2.9	mg N/L		0.2	0.4
10/17/2003 11:05	EFFLUENT	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	1,2,4-Trichlorobenzene	0.97	ug/L	U	0.97	3.9

10/17/2003 11:05	EFFLUENT	BNA-Water	1,2-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	1,3,5-Trinitrobenzene	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	1,3-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	1,4-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	78
10/17/2003 11:05	EFFLUENT	BNA-Water	1-Naphthylamine	9.7	ug/L	UJ	9.7	39
10/17/2003 11:05	EFFLUENT	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4,5-Trichlorophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4,6-Trichlorophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4-Dichlorophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4-Dimethylphenol	49	ug/L	U	49	190
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	58
10/17/2003 11:05	EFFLUENT	BNA-Water	2,4-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2,6-Dichlorophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2,6-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Acetylaminofluorene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Chloronaphthalene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Chlorophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Methylnaphthalene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Naphthylamine	9.7	ug/L	U	9.7	39
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Nitroaniline	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Nitrophenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	2-Picoline	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	3,3'-Dichlorobenzidine	39	ug/L	U	39	160
10/17/2003 11:05	EFFLUENT	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	78
10/17/2003 11:05	EFFLUENT	BNA-Water	3-Methylcholanthrene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	3-Nitroaniline	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	4,4'-DDT	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Aminobiphenyl	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Bromophenyl phenyl ether	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Chloro-3-methylphenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Chloroaniline	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Nitroaniline	0.97	ug/L	UJ	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	4-Nitrophenol	15	ug/L	U	15	58
10/17/2003 11:05	EFFLUENT	BNA-Water	5-Nitro-o-toluidine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Acenaphthene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Acenaphthylene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Acetophenone	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Aldrin	1.5	ug/L	UJ	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Aniline	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Anthracene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzidine	97	ug/L	U	97	390
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzo(a)anthracene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzo(a)pyrene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzo(b)fluoranthene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzo(g,h,i)perylene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzo(k)fluoranthene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Benzyl alcohol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Bis(2-chloroethoxy)methane	0.97	ug/L	UJ	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Bis(2-chloroethyl)ether	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	58
10/17/2003 11:05	EFFLUENT	BNA-Water	Butyl benzyl phthalate	4.9	ug/L	U	4.9	19
10/17/2003 11:05	EFFLUENT	BNA-Water	Chrysene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Di-n-butyl phthalate	4.9	ug/L	U	4.9	19
10/17/2003 11:05	EFFLUENT	BNA-Water	Di-n-octyl phthalate	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Dibenzo(a,h)anthracene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Dibenzofuran	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.8

10/17/2003 11:05	EFFLUENT	BNA-Water	Diethyl phthalate	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Dimethyl phthalate	49	ug/L	U	49	190
10/17/2003 11:05	EFFLUENT	BNA-Water	Dimethylaminoazobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Dinoseb	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Endosulfan I	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Endosulfan II	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Endrin	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Endrin aldehyde	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Ethyl methanesulfonate	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Fluoranthene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Fluorene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Heptachlor	1.5	ug/L	UJ	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Hexachlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Indeno(1,2,3-cd)pyrene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Isophorone	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Isosafrole	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Methapyrilene	3.9	ug/L	UJ	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Methyl methanesulfonate	0.97	ug/L	UJ	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosodi-n-butylamine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosodiethylamine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosomorpholine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosopiperidine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Naphthalene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	UJ	19	78
10/17/2003 11:05	EFFLUENT	BNA-Water	Pentachlorobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Pentachloroethane	49	ug/L	U	49	190
10/17/2003 11:05	EFFLUENT	BNA-Water	Pentachloronitrobenzene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Phenacetin	3.9	ug/L	U	3.9	12
10/17/2003 11:05	EFFLUENT	BNA-Water	Phenanthrene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Phenol	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Pyrene	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	Pyridine	3.9	ug/L	U	3.9	16
10/17/2003 11:05	EFFLUENT	BNA-Water	Safrole	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.8
10/17/2003 11:05	EFFLUENT	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.8
10/17/2003 11:05	EFFLUENT	BNA-Water	o-Toluidine	0.97	ug/L	U	0.97	3.9
10/17/2003 11:05	EFFLUENT	GC-Water	Alachlor	0.59	ug/L	U	0.59	2.36
10/17/2003 11:05	EFFLUENT	GC-Water	Ametryn	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Atrazine	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Azinphos Methyl	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Bromacil	0.2	ug/L	U	0.2	0.8
10/17/2003 11:05	EFFLUENT	GC-Water	Butylate	0.2	ug/L	U	0.2	0.8
10/17/2003 11:05	EFFLUENT	GC-Water	Chlorpyrifos Ethyl	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Chlorpyrifos Methyl	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Diazinon	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Ethion	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Ethoprop	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Fenamiphos	0.2	ug/L	U	0.2	0.8

10/17/2003 11:05	EFFLUENT	GC-Water	Fonofos	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Hexazinone	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Malathion	0.15	ug/L	U	0.15	0.6
10/17/2003 11:05	EFFLUENT	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
10/17/2003 11:05	EFFLUENT	GC-Water	Metolachlor	0.49	ug/L	U	0.49	1.96
10/17/2003 11:05	EFFLUENT	GC-Water	Metribuzin	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Mevinphos	0.2	ug/L	UJ	0.2	0.8
10/17/2003 11:05	EFFLUENT	GC-Water	Naled	0.78	ug/L	U	0.78	3.12
10/17/2003 11:05	EFFLUENT	GC-Water	Norflurazon	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.6
10/17/2003 11:05	EFFLUENT	GC-Water	Parathion Methyl	0.098	ug/L	U	0.098	0.392
10/17/2003 11:05	EFFLUENT	GC-Water	Phorate	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.6
10/17/2003 11:05	EFFLUENT	GC-Water	Simazine	0.049	ug/L	U	0.049	0.196
10/17/2003 11:05	EFFLUENT	Metals-Water	Aluminum	54	ug/L		7	28
10/17/2003 11:05	EFFLUENT	Metals-Water	Arsenic	6	ug/L	U	6	24
10/17/2003 11:05	EFFLUENT	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
10/17/2003 11:05	EFFLUENT	Metals-Water	Calcium	57.9	mg/L		0.05	0.2
10/17/2003 11:05	EFFLUENT	Metals-Water	Chromium	3	ug/L	U	3	12
10/17/2003 11:05	EFFLUENT	Metals-Water	Copper	3.1	ug/L	I	1	4
10/17/2003 11:05	EFFLUENT	Metals-Water	Lead	0.25	ug/L		0.05	0.2
10/17/2003 11:05	EFFLUENT	Metals-Water	Magnesium	42.3	mg/L		0.02	0.08
10/17/2003 11:05	EFFLUENT	Metals-Water	Nickel	3	ug/L	U	3	12
10/17/2003 11:05	EFFLUENT	Metals-Water	Selenium	1	ug/L	U	1	4
10/17/2003 11:05	EFFLUENT	Metals-Water	Silver	0.23	ug/L		0.02	0.08
10/17/2003 11:05	EFFLUENT	Metals-Water	Zinc	20	ug/L		4	16
10/17/2003 11:05	EFFLUENT	Nutrients-Liquid	Ammonia-N	3.6	mg N/L	A	0.2	0.4

Appendix 2. The City of Apalachicola WWTP Monitoring Data.

Monitoring Date	Parameter Description	Data	Limit	Statistical Base	Units
1/31/2000	SPECIFIC CONDUCTANCE	650	0.0	MAXIMUM	UMHO/ CM
1/31/2000	NITROGEN, TOTAL (AS N)	17.58	15.25	ANNL AVG	MG/L
1/31/2000	NITROGEN, KJELDAHL TOTAL (AS N)	14.99	14.6	ANNL AVG	MG/L
1/31/2000	SILVER, TOTAL RECOVERABLE	0.18	0.07	MAXIMUM	UG/L
1/31/2000	SOLIDS, SUSPENDED PERCENT REMOVAL	86.4	90	MO AV MN	PER-CENT
2/29/2000	SPECIFIC CONDUCTANCE	675	0.0	MAXIMUM	UMHO/ CM
2/29/2000	NITROGEN, TOTAL (AS N)	17.65	15.25	ANNL AVG	MG/L
2/29/2000	NITROGEN, KJELDAHL TOTAL (AS N)	15.0	14.6	ANNL AVG	MG/L
2/29/2000	SILVER, TOTAL RECOVERABLE	4.0	0.07	MAXIMUM	UG/L
2/29/2000	SOLIDS, SUSPENDED PERCENT REMOVAL	89	90	MO AV MN	PER-CENT
3/31/2000	SPECIFIC CONDUCTANCE	625	0.0	MAXIMUM	UMHO/ CM
3/31/2000	NITROGEN, TOTAL (AS N)	17.40	15.25	ANNL AVG	MG/L
3/31/2000	NITROGEN, KJELDAHL TOTAL (AS N)	14.7	14.6	ANNL AVG	MG/L
3/31/2000	NITROGEN, AMMONIA, TOT UNIONIZED (AS N)	0.09	0.02	ANNL AVG	MG/L
3/31/2000	PHOSPHORUS, TOTAL (AS P)	0.23	0.2	ANNL AVG	MG/L
3/31/2000	PHOSPHORUS, TOTAL (AS P)	0.29	ADDMON	MAXIMUM	MG/L
4/30/2000	SPECIFIC CONDUCTANCE	525	0.0	MAXIMUM	UMHO/ CM
4/30/2000	NITROGEN, TOTAL (AS N)	17.07	15.25	ANNL AVG	MG/L
4/30/2000	NITROGEN, KJELDAHL TOTAL (AS N)	14.81	14.6	ANNL AVG	MG/L
4/30/2000	CHLORINE, TOTAL RESIDUAL	0.06	0.5	MINIMUM	MG/L
4/30/2000	SOLIDS, SUSPENDED PERCENT REMOVAL	80	90	MO AV MN	PER-CENT
5/31/2000	SPECIFIC CONDUCTANCE	975	0.0	MAXIMUM	UMHO/ CM
5/31/2000	NITROGEN, TOTAL (AS N)	18.03	15.25	ANNL AVG	MG/L
5/31/2000	NITROGEN, KJELDAHL TOTAL (AS N)	15.84	14.6	ANNL AVG	MG/L
5/31/2000	SILVER, TOTAL RECOVERABLE	0.4	0.07	MAXIMUM	UG/L
5/31/2000	SOLIDS, SUSPENDED PERCENT REMOVAL	65	90	MO AV MN	PER-CENT
6/30/2000	IRON, TOTAL RECOVERABLE	196	1.0	MAXIMUM	MG/L
6/30/2000	PHOSPHORUS, TOTAL (AS P)	2.8	0.2	ANNL AVG	MG/L
6/30/2000	PHOSPHORUS, TOTAL (AS P)	4.0	ADDMON	MAXIMUM	MG/L

Appendix 2. The City of Apalachicola WWTP Monitoring Data (continued).

8/31/2000	SILVER, TOTAL RECOVERABLE	1.8	0.07	MAXIMUM	UG/L
10/31/2000	NITROGEN, TOTAL (AS N)	18.0	15.25	ANNL AVG	MG/L
10/31/2000	NITROGEN, KJELDAHL TOTAL (AS N)	16.16	14.6	ANNL AVG	MG/L
10/31/2000	SILVER, TOTAL RECOVERABLE	5.0	0.07	MAXIMUM	UG/L
11/30/2000	NITROGEN, TOTAL (AS N)	17.67	15.25	ANNL AVG	MG/L
11/30/2000	NITROGEN, KJELDAHL TOTAL (AS N)	15.9	14.6	ANNL AVG	MG/L
11/30/2000	SILVER, TOTAL RECOVERABLE	9.0	0.07	MAXIMUM	UG/L
12/31/2000	SPECIFIC CONDUCTANCE	267	0.0	MAXIMUM	UMHO/ CM
12/31/2000	NITROGEN, TOTAL (AS N)	16.70	15.25	ANNL AVG	MG/L
12/31/2000	NITROGEN, KJELDAHL TOTAL (AS N)	14.97	14.6	ANNL AVG	MG/L
12/31/2000	SILVER, TOTAL RECOVERABLE	7.0	0.07	MAXIMUM	UG/L
12/31/2000	PHOSPHORUS, TOTAL (AS P)	0.22	0.2	ANNL AVG	MG/L
12/31/2000	PHOSPHORUS, TOTAL (AS P)	0.22	ADDMON	MAXIMUM	MG/L
1/31/2001	SPECIFIC CONDUCTANCE	281	0.0	MAXIMUM	UMHO/ CM
1/31/2001	NITROGEN, TOTAL (AS N)	15.97	15.25	ANNL AVG	MG/L
1/31/2001	SILVER, TOTAL RECOVERABLE	17	0.07	MAXIMUM	UG/L
1/31/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	89	90	MO AV MN	PER-CENT
2/28/2001	SPECIFIC CONDUCTANCE	497	0.0	MAXIMUM	UMHO/ CM
2/28/2001	NITROGEN, TOTAL (AS N)	15.98	15.25	ANNL AVG	MG/L
2/28/2001	SILVER, TOTAL RECOVERABLE	17	0.07	MAXIMUM	UG/L
3/31/2001	SPECIFIC CONDUCTANCE	411	0.0	MAXIMUM	UMHO/ CM
3/31/2001	NITROGEN, TOTAL (AS N)	15.40	15.25	ANNL AVG	MG/L
3/31/2001	SILVER, TOTAL RECOVERABLE	11.5	0.07	MAXIMUM	UG/L
3/31/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	86	90	MO AV MN	PER-CENT
3/31/2001	PHOSPHORUS, TOTAL (AS P)	0.22	0.2	ANNL AVG	MG/L
3/31/2001	PHOSPHORUS, TOTAL (AS P)	0.22	ADDMON	MAXIMUM	MG/L
4/30/2001	SPECIFIC CONDUCTANCE	329	0.0	MAXIMUM	UMHO/ CM
4/30/2001	SILVER, TOTAL RECOVERABLE	5.0	0.07	MAXIMUM	UG/L
5/31/2001	SPECIFIC CONDUCTANCE	572	0.0	MAXIMUM	UMHO/ CM
5/31/2001	SILVER, TOTAL RECOVERABLE	16.0	0.07	MAXIMUM	UG/L
6/30/2001	SPECIFIC CONDUCTANCE	405	0.0	MAXIMUM	UMHO/ CM
6/30/2001	SILVER, TOTAL RECOVERABLE	9.0	0.07	MAXIMUM	UG/L

Appendix 2. The City of Apalachicola WWTP Monitoring Data (continued).

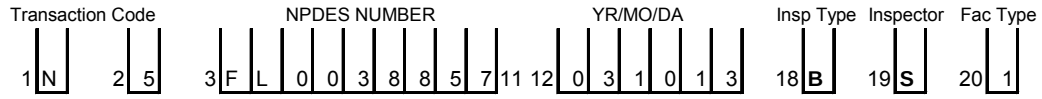
7/31/2001	SILVER, TOTAL RECOVERABLE	14.0	0.07	MAXIMUM	UG/L
7/31/2001	BOD, CARB-5 DAY, 20 DEG C, PERCENT REMoval	27.4	DELMON		PER-CENT
7/31/2001	BOD, CARB-5 DAY, 20 DEG C, PERCENT REMoval	27.4	90	MO AV MN	PER-CENT
7/31/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	88.2	90	MO AV MN	PER-CENT
8/31/2001	SPECIFIC CONDUCTANCE	10	0.0	MAXIMUM	UMHO/ CM
8/31/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	63.75	90	MO AV MN	PER-CENT
9/30/2001	SPECIFIC CONDUCTANCE	423	0.0	MAXIMUM	UMHO/ CM
9/30/2001	SPECIFIC CONDUCTANCE	423	0.0	MAXIMUM	UMHO/ CM
9/30/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	77	90	MO AV MN	PER-CENT
9/30/2001	SOLIDS, SUSPENDED PERCENT REMOVAL	77	90	MO AV MN	PER-CENT
10/31/2001	SPECIFIC CONDUCTANCE	290	0.0	MAXIMUM	UMHO/ CM
10/31/2001	SILVER, TOTAL RECOVERABLE	1.25	0.07	MAXIMUM	UG/L
11/30/2001	SILVER, TOTAL RECOVERABLE	3.15	0.07	MAXIMUM	UG/L
12/31/2001	SPECIFIC CONDUCTANCE	180	0.0	MAXIMUM	UMHO/ CM
12/31/2001	SILVER, TOTAL RECOVERABLE	0.6	0.07	MAXIMUM	UG/L
1/31/2002	SPECIFIC CONDUCTANCE	503	0.0	MAXIMUM	UMHO/ CM
1/31/2002	IRON, TOTAL RECOVERABLE	<20	1.0	MAXIMUM	MG/L
1/31/2002	MERCURY, TOTAL RECOVERABLE	<0.2	0.012	MAXIMUM	UG/L
2/28/2002	SPECIFIC CONDUCTANCE	50	0.0	MAXIMUM	UMHO/ CM
3/31/2002	PHOSPHORUS, TOTAL (AS P)	0.33	0.2	ANNL AVG	MG/L
3/31/2002	PHOSPHORUS, TOTAL (AS P)	0.43	ADDMON	MAXIMUM	MG/L
4/30/2002	SPECIFIC CONDUCTANCE	68	0.0	MAXIMUM	UMHO/ CM
5/31/2002	SPECIFIC CONDUCTANCE	1341	0.0	MAXIMUM	UMHO/ CM
6/30/2002	SPECIFIC CONDUCTANCE	606	0.0	MAXIMUM	UMHO/ CM
6/30/2002	NOEL STATRE 7DAY CHR CERIODAPHNIA	<100	100	MINIMUM	PER-CENT
7/31/2002	NITROGEN, TOTAL (AS N)	11.03	3.0	ANNL AVG	MG/L
7/31/2002	NITROGEN, AMMONIA TOTAL (AS N)	3.13	1.6	ANNL AVG	MG/L

Appendix 2. The City of Apalachicola WWTP Monitoring Data (concluded).

9/30/2002	SPECIFIC CONDUCTANCE	910	0.0	MAXIMUM	UMHO/ CM
9/30/2002	NITROGEN, TOTAL (AS N)	8.93	3.0	ANNL AVG	MG/L
9/30/2002	PHOSPHORUS, TOTAL (AS P)	2.10	1.0	ANNL AVG	MG/L
10/31/2002	NITROGEN, TOTAL (AS N)	8.48	3.0	ANNL AVG	MG/L
10/31/2002	PHOSPHORUS, TOTAL (AS P)	2.14	1.0	ANNL AVG	MG/L
10/31/2002	NOEL STATRE 7DAY CHR CERIODAPHNIA	<100	100	MINIMUM	PER-CENT
11/30/2002	SPECIFIC CONDUCTANCE	685	0.0	MAXIMUM	UMHO/ CM
11/30/2002	NITROGEN, TOTAL (AS N)	7.76	3.0	ANNL AVG	MG/L
11/30/2002	PHOSPHORUS, TOTAL (AS P)	2.03	1.0	ANNL AVG	MG/L
12/31/2002	NITROGEN, TOTAL (AS N)	7.37	3.0	ANNL AVG	MG/L
12/31/2002	PHOSPHORUS, TOTAL (AS P)	2.00	1.0	ANNL AVG	MG/L
12/31/2002	NOEL STATRE 7DAY CHR PIMEPHALES	<100	100	MINIMUM	PER-CENT
1/31/2003	SPECIFIC CONDUCTANCE	503	0.0	MAXIMUM	UMHO/ CM
1/31/2003	NITROGEN, TOTAL (AS N)	7.18	3.0	ANNL AVG	MG/L
1/31/2003	PHOSPHORUS, TOTAL (AS P)	2.12	1.0	ANNL AVG	MG/L
2/28/2003	SPECIFIC CONDUCTANCE	1055	0.0	MAXIMUM	UMHO/ CM
2/28/2003	NITROGEN, TOTAL (AS N)	6.58	3.0	ANNL AVG	MG/L
2/28/2003	PHOSPHORUS, TOTAL (AS P)	2.19	1.0	ANNL AVG	MG/L
3/31/2003	SPECIFIC CONDUCTANCE	454	0.0	MAXIMUM	UMHO/ CM
3/31/2003	NITROGEN, TOTAL (AS N)	6.12	3.0	ANNL AVG	MG/L
3/31/2003	PHOSPHORUS, TOTAL (AS P)	2.19	1.0	ANNL AVG	MG/L
3/31/2003	SILVER, TOTAL RECOVERABLE	.5	0.07	MAXIMUM	UG/L
4/30/2003	SPECIFIC CONDUCTANCE	454	0.0	MAXIMUM	UMHO/ CM
4/30/2003	NITROGEN, TOTAL (AS N)	5.86	3.0	ANNL AVG	MG/L
4/30/2003	PHOSPHORUS, TOTAL (AS P)	2.30	1.0	ANNL AVG	MG/L
4/30/2003	SILVER, TOTAL RECOVERABLE	.094	0.07	MAXIMUM	UG/L
5/31/2003	SPECIFIC CONDUCTANCE	474	0.0	MAXIMUM	UMHO/ CM
5/31/2003	NITROGEN, TOTAL (AS N)	5.31	3.0	ANNL AVG	MG/L
5/31/2003	PHOSPHORUS, TOTAL (AS P)	2.23	1.0	ANNL AVG	MG/L
6/30/2003	SPECIFIC CONDUCTANCE	365	0.0	MAXIMUM	UMHO/ CM
6/30/2003	NITROGEN, AMMONIA, TOT UNIONIZED (AS N)	0.078	0.02	ANNL AVG	MG/L
6/30/2003	PHOSPHORUS, TOTAL (AS P)	0.329	0.2	ANNL AVG	MG/L

The Bioassay of The City of Apalachicola WWTP effluent sampled on October 13, 15 & 17, 2003, NPDES #FL0038857.

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)



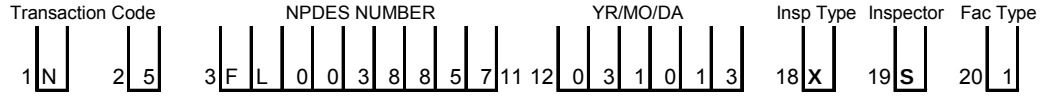
Remarks



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The Priority Pollutants Analysis for the Bioassay of The City of Apalachicola WWTP effluent sampled on October 13, 15, & 17, 2003, NPDES #FL0038857.

Fill Out This Section For All Surface Water Discharger Inspections(CEI, CSI, CBI, PAI, XSI-RI Optional)



Remarks



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