

Bioassays of

Florida Power Corporation – Bartow Power Plant

St. Petersburg, Pinellas County, Florida

NPDES #FL0000132

Sampled 8/26/02

June 2003

Biology Section

Division of Resource Assessment & Management

Comprehensive Quality Assurance Plan #870346G

Bioassays of

Florida Power Corporation – Bartow Power Plant

St. Petersburg, Pinellas County, Florida

NPDES #FL0000132

Biology Section
Bureau of Laboratories
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Florida Power Corporation-Bartow Power Plant, 1601 Weedon Island Drive, St. Petersburg, Pinellas County, Florida, NPDES #FL0000132, tests performed on 27 to 31 August 2002.

Introduction

This fossil fuel power generator has a design flow of 561.69 MGD and an average daily flow of 499.8 MGD (December, 2002). Process water is neutralized with sodium hydroxide solution and discharged into the Class II marine waters of Tampa Bay (facility information provided by Tommy O'Neal, FDEP, Tampa).

Methods

Samples were collected by Eli Landrau and Melissa Gunter 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_03 and TA07_04. All internal DEP SOP's are available on the web at: http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp.

Toxicity Test Results

Americamysis bahia 96-hr acute screen – Not Toxic
Menidia beryllina 96-hr acute screen – Not Toxic

See Table 1 for bioassay bench sheets.

Chemistry Results

Total residual chlorine and total ammonia were not detected in the bioassay sample in the laboratory.

See Table 2 for chemicals detected in the analytical chemistry samples.
See Table 3 for a complete list of chemical analyses performed.

Algal Growth Potential

An aliquot of sample was collected at this facility to determine the algal growth potential of the effluent. The algal growth potential was measured as 2.74 mg dry weight/ L.

Conclusion

The sample of effluent collected from this facility on August 26, 2002, did not show acute toxicity to either test species during the 96-hour bioassay tests.

Table 1. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from the Florida Power Corporation-Bartow Power Plant, 1601 Weedon Island Drive, St. Petersburg, Pinellas County, Florida, NPDES# FL0000132, performed from 27 to 31 August 2002.

Facility:	**FPC-Bartow Power Plant**	**NPDES #:**	**FL0000132**	Facility Type:	**Power Plant**	**Analysts:**	Jacquelyn Brynda
Location:	1601 Weedon Island Drive, St. Petersburg	Contact/District:	Gunter/SW				Joshua Ayres
County:	Pinellas	Test type:	acute screen				Christa Pierini
Sample Collection Date:	8/26/2002 Time: 1430	# tests:	2	Receiving Water:	Tampa Bay		Marshall Faircloth
Test Beginning Date:	8/27/2002 Time: 1500	Chlorination Type:	non-chlorinated		Class II Marine		
Test Ending Date:	8/31/2002 Time: 1300	FDEP SOP#:	TA07_03		**Page 1 of 2**	**Reviewer:**	Rob Buda

Organism: ***Americamysis bahia*** Life stage: 2 days [A]Feeding: artemia

0-48 hours (before renewal) Chamber size: 1L

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	7.9	7.9	8.0	24.9	23.6	25.2	6.1	6.5	6.0	36.1	39.4
Control B	0/500	5	5	5	7.9	7.9	8.0	25.0	24.0	24.9	6.3	6.5	6.0	38.5	39.4
Control C	0/500	5	5	5	7.9	7.9	8.0	25.1	24.6	24.4	6.4	6.3	6.0	38.8	39.5
Control D	0/500	5	5	5	7.9	7.9	8.0	25.1	24.2	24.2	6.5	6.2	5.9	38.9	39.8
100% A	500/0	5	5	5	8.1	8.0	7.8	24.9	24.3	24.6	6.6	6.1	5.5	40.3	40.5
100% B	500/0	5	5	5	8.1	8.0	7.8	24.9	24.2	24.5	6.7	6.0	5.5	39.1	41.5
100% C	500/0	5	5	5	8.1	8.0	7.8	24.9	24.2	24.6	6.9	6.0	5.5	39.1	41.5
100% D	500/0	5	5	5	8.1	8.0	7.8	24.8	24.6	24.3	6.9	6.0	5.4	40.5	41.5

Organism: ***Americamysis bahia*** Conductivity Uncorrected mmhos/cm

48-96 hours (after renewal)

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen				
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.8	7.8	7.9	23.8	24.1	24.5	6.3	6.0	5.5	35.7	40.3
Control B	0/500	5	5	5	7.8	7.8	7.9	23.8	24.1	24.6	6.3	6.0	5.7	37.1	41.1
Control C	0/500	5	5	5	7.8	7.8	7.8	23.8	24.0	24.8	6.4	6.0	5.7	37.4	40.4
Control D	0/500	5	5	5	7.8	7.8	7.8	23.7	24.2	24.8	6.3	5.9	5.2	37.4	40.4
100% A	500/0	5	5	5	8.0	7.9	7.8	23.7	24.2	24.8	6.4	5.8	4.9	38.8	42.2
100% B	500/0	5	5	5	8.1	7.9	7.8	23.8	24.1	24.6	6.4	5.8	4.6	37.8	41.6
100 % C	500/0	5	5	5	8.1	7.9	7.8	23.8	24.3	24.8	6.5	5.7	4.7	39.2	42.5
100% D	500/0	5	5	5	8.1	7.9	7.8	23.7	24.3	24.8	6.5	5.9	4.9	39.2	41.9

[A] Organisms 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 24.5-27.5°C.
Incubator #3 temperature range for the test period was 24.0-25.0°C.

LIMS	
Job number:	TLH-2002-08-27-14
sample number:	617329

Data Transcription Verification	
date:	5/19/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	-	-
Lab:	<0.03	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	<0.017	<0.017

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	147	-
100% Sample:	131	-

Salinity	ppt
Control water:	25
100% Sample:	26

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

Continued

Table 1. Concluded

Data recorded during the 96-hour acute screening bioassays of a sample of effluent from the Florida Power Corporation-Bartow Power Plant, 1601 Weedon Island Driver, St. Petersburg, Pinellas County, Florida, NPDES# FL0000132, performed from 27 to 31 August 2002.

Facility:	**FPC-Bartow Power Plant**		**NPDES #:**	**FL0000132**	Facility Type:	**Power Plant**	**Analysts:** Jacquelyn Brynda
Location:	1601 Weedon Island Drive, St. Petersburg		Contact/District:	Gunter/SW			Joshua Ayres
County:	Pinellas		Test type:	acute screen			Christa Pierini
Sample Collection Date:	8/26/2002	Time: 1430	# tests:	2	Receiving Water:	Tampa Bay	Marshall Faircloth
Test Beginning Date:	8/27/2002	Time: 1500	Chlorination Type:	non-chlorinated		Class II Marine	
Test Ending Date:	8/31/2002	Time: 1300	FDEP SOP#:	TA07_04		**Page 2 of 2**	**Reviewer:** Rob Buda

Organism: ***Menidia beryllina*** Life stage: 13 days [A]Feeding: artemia

0-48 hours (before renewal) Chamber size: 1L

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	7.9	7.9	7.9	24.9	24.7	24.2	6.6	5.5	5.7	37.1	39.2
Control B	0/500	5	5	5	7.9	7.9	7.9	25.1	24.5	24.5	6.5	5.6	5.8	38.4	39.6
Control C	0/500	5	5	5	7.9	7.9	7.9	25.2	24.6	24.2	6.5	5.8	6.0	36.5	39.6
Control D	0/500	5	5	5	7.9	7.9	7.9	25.1	24.4	24.1	6.5	5.9	6.0	38.9	40.1
100% A	500/0	5	5	5	8.1	8.0	7.9	24.7	24.3	24.0	6.8	5.9	6.0	39.8	41.8
100% B	500/0	5	5	5	8.1	8.0	7.9	25.0	24.8	24.0	6.9	5.9	6.0	40.4	41.9
100% C	500/0	5	5	5	8.1	8.0	7.9	25.0	24.7	24.6	6.9	5.7	5.7	39.9	41.8
100% D	500/0	5	5	5	8.1	8.0	7.9	24.7	24.2	24.8	6.9	5.7	5.6	40.3	41.4

Organism: ***Menidia beryllina***

48-96 hours (after renewal)

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.8	7.8	7.8	23.8	24.3	25.5	6.6	5.4	5.5	37.9	42.5
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Control C	0/500	5	5	5	7.8	7.8	7.9	23.8	24.2	25.1	6.4	5.5	5.5	38.4	41.7
Control D	0/500	5	5	5	7.8	7.8	7.9	23.7	24.4	25.0	6.4	5.5	5.7	38.2	40.6
100% A	500/0	5	5	5	8.1	7.8	7.9	23.8	24.1	25.5	6.4	5.8	5.6	39.7	44.3
100% B	500/0	5	5	5	8.1	7.8	7.8	23.8	24.3	24.9	6.5	5.7	5.5	39.4	42.5
100 % C	500/0	5	5	5	8.1	7.8	7.8	23.7	24.4	24.9	6.6	5.5	5.3	39.3	42.8
100% D	500/0	5	5	5	8.1	7.8	7.8	23.7	24.5	24.9	6.6	5.4	5.2	39.5	42.2

[A] Organisms fed prior to testing and before renewal.

[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 24.5-27.5°C.
Incubator #3 temperature range for the test period was 24.0-25.0°C.

LIMS	
Job number:	TLH-2002-08-27-14
sample number:	617329

Data Transcription Verification	
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Total Residual CL2	mg/L	Method
Field:	-	-
Lab:	<0.03	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	<0.017	<0.017

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	147	-
100% Sample:	131	-

Salinity	ppt
Control water:	25
100% Sample:	26

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

Table 2. Results of chemical analyses on the effluent from Florida Power Corporation-Bartow Power Plant sampled on August 26, 2002.

Metals

Calcium	297	mg/L	
Copper	1.1	ug/L	I
Iron	82	ug/L	I
Magnesium	910	mg/L	

Pesticides and Herbicides

None detected

Nutrients

Nitrates and Nitrites	0.023	mg N/L	
Total Kjeldahl Nitrogen	0.66	mg N/L	A
Ortho-Phosphates	0.046	mg P/L	
Total Phosphorous	0.091	mg P/L	A

Base, Neutral, & Acid Extractable Organics

None detected

[A] The reported value is an average of two or more values.
[I] The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

Table 3. Chemical Analyses performed on the effluent from Florida Power Corporation-Bartow Power Plant, sampled on August 26, 2002.

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
8/26/2002 14:30	27729	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	1,2,4-Trichlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	1,2-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	1,3-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	1,4-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	75
8/26/2002 14:30	27729	BNA-Water	1-Naphthylamine	9.4	ug/L	U	9.4	38
8/26/2002 14:30	27729	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	2,4,5-Trichlorophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2,4,6-Trichlorophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2,4-Dichlorophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2,4-Dimethylphenol	47	ug/L	U	47	190
8/26/2002 14:30	27729	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	57
8/26/2002 14:30	27729	BNA-Water	2,4-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2,6-Dichlorophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2,6-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Acetylaminofluorene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Chloronaphthalene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Chlorophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Methyl-4,6-dinitrophenol	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	2-Methylnaphthalene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Naphthylamine	9.4	ug/L	U	9.4	38
8/26/2002 14:30	27729	BNA-Water	2-Nitroaniline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Nitrophenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	2-Picoline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
8/26/2002 14:30	27729	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	75
8/26/2002 14:30	27729	BNA-Water	3-Methylcholanthrene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	3-Nitroaniline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7

8/26/2002 14:30	27729	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	4-Bromophenyl phenyl ether	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	4-Chloro-3-methylphenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	4-Chloroaniline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	4-Nitroaniline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
8/26/2002 14:30	27729	BNA-Water	5-Nitro-o-toluidine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Acenaphthene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Acenaphthylene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Acetophenone	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Aniline	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Anthracene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzidine	94	ug/L	U	94	380
8/26/2002 14:30	27729	BNA-Water	Benzo(a)anthracene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzo(a)pyrene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzo(b)fluoranthene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzo(g,h,i)perylene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzo(k)fluoranthene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Benzyl alcohol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Bis(2-chloroethoxy)methane	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Bis(2-chloroethyl)ether	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Bis(2-chloroisopropyl)ether	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
8/26/2002 14:30	27729	BNA-Water	Butyl benzyl phthalate	4.7	ug/L	U	4.7	19
8/26/2002 14:30	27729	BNA-Water	Chrysene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Di-n-butyl phthalate	4.7	ug/L	U	4.7	19
8/26/2002 14:30	27729	BNA-Water	Di-n-octyl phthalate	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Dibenzo(a,h)anthracene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Dibenzofuran	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Diethyl phthalate	0.94	ug/L	U	0.94	3.8

8/26/2002 14:30	27729	BNA-Water	Dimethyl phthalate	47	ug/L	U	47	190
8/26/2002 14:30	27729	BNA-Water	Dimethylaminoazobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Diphenylamine	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Ethyl methanesulfonate	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Fluoranthene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Fluorene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	Hexachlorobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Hexachlorobutadiene	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Hexachlorocyclopentadiene	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Hexachloroethane	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	Indeno(1,2,3-cd)pyrene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Isophorone	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Isosafrole	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Methapyrilene	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Methyl methanesulfonate	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	N-Nitrosodi-n-butylamine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	N-Nitrosodiethylamine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	N-Nitrosodiphenylamine	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	N-Nitrosomorpholine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	N-Nitrosopiperidine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	Naphthalene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	75
8/26/2002 14:30	27729	BNA-Water	Pentachlorobenzene	0.94	ug/L	U	0.94	3.8

8/26/2002 14:30	27729	BNA-Water	Pentachloroethane	47	ug/L	U	47	190
8/26/2002 14:30	27729	BNA-Water	Pentachloronitrobenzene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Pentachlorophenol	2.8	ug/L	U	2.8	11
8/26/2002 14:30	27729	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	11
8/26/2002 14:30	27729	BNA-Water	Phenanthrene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Phenol	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Pyrene	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
8/26/2002 14:30	27729	BNA-Water	Safrole	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7
8/26/2002 14:30	27729	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.5
8/26/2002 14:30	27729	BNA-Water	o-Toluidine	0.94	ug/L	U	0.94	3.8
8/26/2002 14:30	27729	Bio-AGP/LimNut	Algal Growth Potential	2.74	mg DryWt/L	A	0.1	0.3
8/26/2002 14:30	27729	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC50	100	LC50	L		
8/26/2002 14:30	27729	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, LC50	100	LC50	L		
8/26/2002 14:30	27729	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
8/26/2002 14:30	27729	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
8/26/2002 14:30	27729	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
8/26/2002 14:30	27729	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Ethion	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
8/26/2002 14:30	27729	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
8/26/2002 14:30	27729	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
8/26/2002 14:30	27729	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.88
8/26/2002 14:30	27729	GC-Water	Metribuzin	0.094	ug/L	U	0.094	0.376

8/26/2002 14:30	27729	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
8/26/2002 14:30	27729	GC-Water	Naled	0.75	ug/L	U	0.75	3
8/26/2002 14:30	27729	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
8/26/2002 14:30	27729	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.376
8/26/2002 14:30	27729	GC-Water	Phorate	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
8/26/2002 14:30	27729	GC-Water	Simazine	0.047	ug/L	U	0.047	0.188
8/26/2002 14:30	27729	Metals-Water	Aluminum	50	ug/L	U	50	200
8/26/2002 14:30	27729	Metals-Water	Arsenic	30	ug/L	U	30	120
8/26/2002 14:30	27729	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
8/26/2002 14:30	27729	Metals-Water	Calcium	297	mg/L		0.2	0.8
8/26/2002 14:30	27729	Metals-Water	Chromium	58	ug/L	U	20	80
8/26/2002 14:30	27729	Metals-Water	Copper	1.1	ug/L	I	0.5	2
8/26/2002 14:30	27729	Metals-Water	Iron	82	ug/L	I	70	280
8/26/2002 14:30	27729	Metals-Water	Lead	2.5	ug/L	U	2.5	10
8/26/2002 14:30	27729	Metals-Water	Magnesium	910	mg/L		0.1	0.4
8/26/2002 14:30	27729	Metals-Water	Nickel	15	ug/L	U	15	60
8/26/2002 14:30	27729	Metals-Water	Selenium	70	ug/L	U	70	280
8/26/2002 14:30	27729	Metals-Water	Silver	0.2	ug/L	U	0.2	0.8
8/26/2002 14:30	27729	Metals-Water	Zinc	20	ug/L	U	20	80
8/26/2002 14:30	27729	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
8/26/2002 14:30	27729	Nutrients-Liquid	NO2NO3-N	0.023	mg N/L		0.004	0.01
8/26/2002 14:30	27729	Nutrients-Liquid	N_KJEL_TOT	0.66	mg N/L	A	0.12	0.4
8/26/2002 14:30	27729	Nutrients-Liquid	O-Phosphate-P	0.046	mg P/L		0.004	0.01
8/26/2002 14:30	27729	Nutrients-Liquid	Total-P	0.091	mg P/L	A	0.015	0.04
8/26/2002	27730	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	1,2,4-Trichlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	1,2-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	1,3-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	1,4-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	77
8/26/2002	27730	BNA-Water	1-Naphthylamine	9.6	ug/L	U	9.6	38
8/26/2002	27730	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	2,4,5-Trichlorophenol	0.96	ug/L	U	0.96	3.8

8/26/2002	27730	BNA-Water	2,4,6-Trichlorophenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2,4-Dichlorophenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
8/26/2002	27730	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	58
8/26/2002	27730	BNA-Water	2,4-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2,6-Dichlorophenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2,6-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Acetylaminofluorene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Chloronaphthalene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Chlorophenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	2-Methylnaphthalene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Naphthylamine	9.6	ug/L	U	9.6	38
8/26/2002	27730	BNA-Water	2-Nitroaniline	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Nitrophenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	2-Picoline	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
8/26/2002	27730	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	77
8/26/2002	27730	BNA-Water	3-Methylcholanthrene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	3-Nitroaniline	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	4-Bromophenyl phenyl ether	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	4-Chloro-3-methylphenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	4-Chloroaniline	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	4-Nitroaniline	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	4-Nitrophenol	14	ug/L	U	14	58
8/26/2002	27730	BNA-Water	5-Nitro-o-toluidine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Acenaphthene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Acenaphthylene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Acetophenone	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Aniline	0.96	ug/L	U	0.96	3.8

8/26/2002	27730	BNA-Water	Anthracene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzidine	96	ug/L	U	96	380
8/26/2002	27730	BNA-Water	Benzo(a)anthracene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzo(a)pyrene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzo(b)fluoranthene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzo(g,h,i)perylene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzo(k)fluoranthene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Benzyl alcohol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Bis(2-chloroethoxy)methane	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Bis(2-chloroethyl)ether	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	58
8/26/2002	27730	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
8/26/2002	27730	BNA-Water	Chrysene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
8/26/2002	27730	BNA-Water	Di-n-octyl phthalate	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Dibenzo(a,h)anthracene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Dibenzofuran	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Diethyl phthalate	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
8/26/2002	27730	BNA-Water	Dimethylaminoazobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Ethyl methanesulfonate	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Fluoranthene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Fluorene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	Hexachlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12

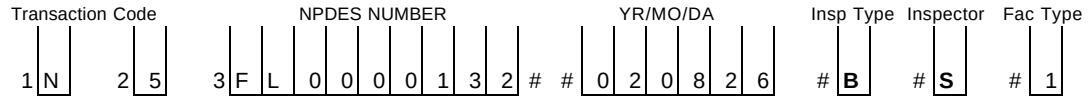
8/26/2002	27730	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	Indeno(1,2,3-cd)pyrene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Isophorone	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Isosafrole	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Methapyrilene	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Methyl methanesulfonate	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	N-Nitrosodi-n-butylamine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	N-Nitrosodiethylamine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	N-Nitrosomorpholine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	N-Nitrosopiperidine	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	Naphthalene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	77
8/26/2002	27730	BNA-Water	Pentachlorobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
8/26/2002	27730	BNA-Water	Pentachloronitrobenzene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
8/26/2002	27730	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	12
8/26/2002	27730	BNA-Water	Phenanthrene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Phenol	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Pyrene	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
8/26/2002	27730	BNA-Water	Safrole	0.96	ug/L	U	0.96	3.8
8/26/2002	27730	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.8
8/26/2002	27730	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.7
8/26/2002	27730	BNA-Water	o-Toluidine	0.96	ug/L	U	0.96	3.8

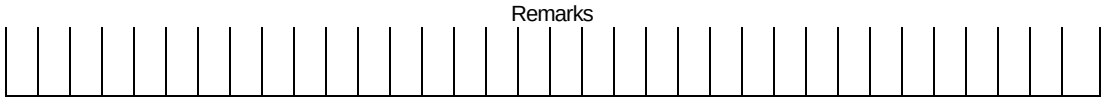
8/26/2002	27730	Bio-AGP/LimNut	Algal Growth Potential	0.0705	mg DryWt/L	U	0.1	0.3
8/26/2002	27730	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
8/26/2002	27730	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
8/26/2002	27730	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
8/26/2002	27730	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Ethion	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
8/26/2002	27730	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
8/26/2002	27730	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
8/26/2002	27730	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.88
8/26/2002	27730	GC-Water	Metribuzin	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
8/26/2002	27730	GC-Water	Naled	0.75	ug/L	U	0.75	3
8/26/2002	27730	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
8/26/2002	27730	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.376
8/26/2002	27730	GC-Water	Phorate	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
8/26/2002	27730	GC-Water	Simazine	0.047	ug/L	U	0.047	0.188
8/26/2002	27730	Metals-Water	Aluminum	5	ug/L	U	5	20
8/26/2002	27730	Metals-Water	Arsenic	3	ug/L	U	3	12
8/26/2002	27730	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
8/26/2002	27730	Metals-Water	Calcium	0.02	mg/L	U	0.02	0.08
8/26/2002	27730	Metals-Water	Chromium	2	ug/L	U	2	8
8/26/2002	27730	Metals-Water	Copper	0.5	ug/L	U	0.5	2
8/26/2002	27730	Metals-Water	Iron	7	ug/L	U	7	28
8/26/2002	27730	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4
8/26/2002	27730	Metals-Water	Magnesium	0.01	mg/L	U	0.01	0.04
8/26/2002	27730	Metals-Water	Nickel	1.5	ug/L	U	1.5	6

8/26/2002	27730	Metals-Water	Selenium	1	ug/L	U	1	4
8/26/2002	27730	Metals-Water	Silver	0.02	ug/L	U	0.02	0.08
8/26/2002	27730	Metals-Water	Zinc	2	ug/L	U	2	8
8/26/2002	27730	Nutrients-Liquid	Ammonia-N		mg N/L			
8/26/2002	27730	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
8/26/2002	27730	Nutrients-Liquid	NO2NO3-N		mg N/L			
8/26/2002	27730	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
8/26/2002	27730	Nutrients-Liquid	N_KJEL_TOT		mg N/L			
8/26/2002	27730	Nutrients-Liquid	N_KJEL_TOT	0.06	mg N/L	U	0.06	0.2
8/26/2002	27730	Nutrients-Liquid	O-Phosphate-P		mg P/L			
8/26/2002	27730	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
8/26/2002	27730	Nutrients-Liquid	Total-P		mg P/L			
8/26/2002	27730	Nutrients-Liquid	Total-P	0.015	mg P/L	U	0.015	0.04

The Bioassay of Florida Power Corporation-Bartow Power Plant effluent sampled on August 26, 2002, NPDES #FL0000132.

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

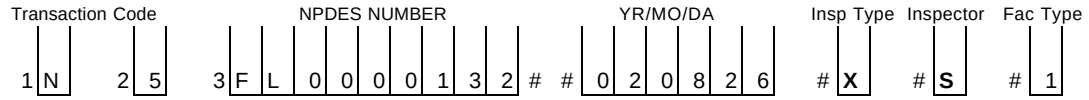


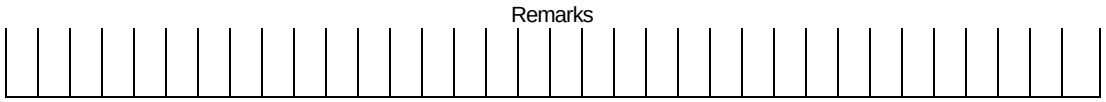


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The Priority Pollutants Analysis for Bioassay of Florida Power Corporation-Bartow Power Plant effluent sampled on August 26, 2002, NPDES #FL0000132.

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





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