

Bioassays of

Gulf Power Company-Smith Steam Plant

Southport, Bay County, Florida

NPDES #FL0002267

Sampled 7/15/02

April 2003

Biology Section

Division of Resource Assessment & Management

Comprehensive Quality Assurance Plan #870346G

Bioassays of

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Biology Section
Bureau of Laboratories
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Gulf Power Company-Smith Steam Plant, 4300 County Road 2300, Southport, Bay County, Florida, NPDES #FL0002267, tests performed on 16 to 18 July 2002.

Introduction

This coal-fired electric power generating plant currently consists of two coal-fired units (Units 1 and 2) with a combined capacity of 350 MW, and an oil-fired combustion turbine that is used for peak power generation. The facility has a proposed addition of Unit 3, which will consist of two gas-fired Combustion Turbines, two Heat Recovery Steam Generators, and one steam turbine. Operating as a natural gas-fired combined cycle plant, the facility is expected to generate 519 MW when operating at full load, with a maximum capacity of 574 MW during power augmentation.

This facility has a design flow of 273.6 MGD from external Outfall D001 and a design flow of 2.05 MGD from the internal ash-pond Outfall I01C. Average daily flows from Outfall D001 and Outfall I01C are 256.63 MGD and 0.35 MGD, respectively (flow data January 2000-July 2002). Once-through cooling water, cooling tower blowdown, and ash pond overflow comprise the discharge from Outfall D001. Wastewater streams that discharge into the ash pond include: boiler blowdown, water-treatment filter backwash, air-preheater wash, ash and pyrite sluice, coal-pile runoff, treated-metal cleaning waste, treated demineralizer regeneration waste, treated domestic wastewater, and other minor process and non-process waste streams. Once through cooling water and cooling tower blowdown are not treated prior to discharge. Internal wastewater treatment is accomplished through an activated-sludge system, which includes flow equalization, oxidation, tertiary filtration, chlorination and de-chlorination. Effluent from the facility is discharged through a 10,200 feet long canal into the Class II Marine waters of Warren Hill Bayou thence into the Class II Marine waters of West Bay (facility information provided by Wesley Keller, FDEP, Pensacola).

Methods

Samples were collected by Glenn Butts 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 48-hr acute screen – Not Toxic
Menidia beryllina 48-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 all complete list of chemical analyses performed.

Conclusion

The sample of effluent collected from this facility on July 15, 2002, did not show acute toxicity to either test species during the 48-hour bioassay test.

Table 1. Data recorded during the 48-hour acute screening bioassays of a sample of effluent from the Gulf Power Company-Smith Steam Plant, 4300 Country Road 2300, Southport, Bay County, Florida, NPDES# FL0002267 performed from 16 to 18 July 2002.

Facility:	**Gulf Power Company - Smith Steam Plant**	**NPDES #**	**FL0002267**	Facility Type:	**Electric Power**	**Analysts:**	Joshua Ayres
Location:	4300 County Road 2300, Southport	Contact/District:	W. Keller/Northwest		**Generating Plant**		Jacquelyn Brynda
County:	Bay	Test type:	static acute screen				Marshall Faircloth
Sample Collection Date:	7/15/2002 Time: 1105	# tests:	2	Receiving Water:	Warren Hill Bayou to West Bay		Gary Hardee
Test Beginning Date:	7/16/2002 Time: 1200	Chlorination Type:	non-chlorinated	Classification:	Class II Marine		
Test Ending Date:	7/18/2002 Time: 1130				**Page 1 of 1**	**Reviewer:**	David Whiting

Organism: ***Americamysis bahia*** Life stage: 5 days

	Sample/Diluent	SURVIVAL # Alive			pH			TemperatureA			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	7.6	7.9	7.9	25.2	25.9	25.5	5.1	5.7	5.6	43.4	46.6
Control B	0/500	5	5	5	7.6	7.9	7.9	25.4	25.2	25.8	5.0	5.7	5.5	44.8	48.5
Control C	0/500	5	5	5	7.6	7.9	7.9	25.5	24.8	24.7	4.9	5.6	5.2	44.9	46.2
Cotnrol D	0/500	5	5	5	7.6	7.9	7.9	25.5	24.5	24.9	4.9	5.6	5.2	44.8	46.7
100% A	500/0	5	5	5	8.0	8.0	7.9	25.2	24.5	24.9	5.1	5.9	5.3	45.6	48.4
100% B	500/0	5	5	5	8.0	8.0	7.9	25.1	24.6	24.6	5.2	5.9	5.4	45.7	47.5
100 % C	500/0	5	5	5	8.0	8.0	7.8	25.0	25.8	24.7	5.3	5.4	5.2	45.0	47.5
100% D	500/0	5	5	5	8.0	8.0	7.8	25.1	24.9	26.0	5.3	5.5	5.2	45.7	48.6

[A] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 20.0-28.0°C.
Incubator #3 temperature range for the test period was 24.0-25.5°C.

Organism: ***Menidia beryllina*** Life stage: 13 days

	Sample/Diluent	SURVIVAL # Alive			pH			TemperatureB			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	7.6	7.9	8.0	25.4	24.6	25.5	4.9	5.8	5.6	44.0	46.8
Control B	0/500	5	5	5	7.6	7.9	8.0	25.5	24.5	24.8	4.9	5.8	5.6	44.6	46.2
Control C	0/500	5	5	5	7.6	7.9	8.0	25.5	25.1	24.5	4.8	5.8	6.0	45.0	46.2
Cotnrol D	0/500	5	5	5	7.6	7.9	8.0	25.6	25.1	24.4	4.9	5.8	6.0	44.6	46.1
100% A	500/0	5	5	5	8.1	8.0	8.0	25.3	25.7	26.1	5.2	5.7	5.7	45.0	48.5
100% B	500/0	5	5	5	8.1	8.0	8.0	25.1	26.2	25.8	5.3	5.8	5.6	45.7	48.6
100 % C	500/0	5	4	4	8.1	8.0	8.0	25.0	25.0	24.8	5.4	5.9	5.8	45.6	46.6
100% D	500/0	5	5	5	8.1	8.0	8.0	25.0	25.0	24.7	5.6	5.9	5.8	45.0	47.5

[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 20.0-28.0°C.
Incubator #3 temperature range for the test period was 24.0-25.5°C.

LIMS	
Job number:	TLH-2002-07-16-07
sample number:	605755

Data Transcription Verification	
date:	1/7/2003
by:	James Daniels
	Jacquelyn Brynda

Total Residual CL2	mg/L	Method
Field:	-	-
Lab:	<0.04	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
NSW	<0.051[C]	<0.051[C]
100% Sample:	<0.051[C]	<0.051[C]

[C] Method detection limit increased with salinity > 10 ppt.

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
NSW	198	-
100% Sample:	139	-

Salinity [D]	ppt
NSW	~29
100% Sample	~29

[D] Salinity based on conductivity and temperature.

Table 2. Results of chemical analyses on the effluent from the Gulf Power Company-Smith Steam Plant sampled on July 15, 2002.

Metals

Aluminum	280	µg/L	
Calcium	354	mg/L	
Copper	2.2	µg/L	I
Iron	300	µg/L	
Magnesium	1110	mg/L	

Nutrients

Ammonia	0.049	mg N/L	Y
Nitrite+Nitrate	0.029	mg N/L	J
Total Kjeldahl Nitrogen	0.48	mg N/L	Y
Orthophosphate	0.011	mg P/L	
Total Phosphorus	0.043	mg P/L	IY

Pesticides and Herbicides

None detected

Base, Neutral, & Acid Extractable Organics

None detected

[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.
[Y] The laboratory analyses was from an unpreserved or improperly preserved sample. The data may not be accurate.

Table 3. Chemical Analyses performed on the effluent from Gulf Power Company-Smith Steam Plant, sampled on July 15, 2002.

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
7/15/2002 11:05	#1	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	1,2,4-Trichlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	1,2-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
7/15/2002 11:05	#1	BNA-Water	1,3-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05	#1	BNA-Water	1,4-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	75
7/15/2002 11:05	#1	BNA-Water	1-Naphthylamine	9.4	ug/L	U	9.4	38
7/15/2002 11:05	#1	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05	#1	BNA-Water	2,4,5-Trichlorophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2,4,6-Trichlorophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2,4-Dichlorophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2,4-Dimethylphenol	47	ug/L	U	47	190
7/15/2002 11:05	#1	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	57
7/15/2002 11:05	#1	BNA-Water	2,4-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2,6-Dichlorophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2,6-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Acetylaminofluorene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Chloronaphthalene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Chlorophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Methyl-4,6-dinitrophenol	2.8	ug/L	U	2.8	11
7/15/2002 11:05	#1	BNA-Water	2-Methylnaphthalene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Naphthylamine	9.4	ug/L	U	9.4	38
7/15/2002 11:05	#1	BNA-Water	2-Nitroaniline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Nitrophenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	2-Picoline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
7/15/2002 11:05	#1	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	75
7/15/2002 11:05	#1	BNA-Water	3-Methylcholanthrene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	3-Nitroaniline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05	#1	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05	#1	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7

7/15/2002 11:05 #1	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	4-Bromophenyl phenyl ether	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	4-Chloro-3-methylphenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	4-Chloroaniline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	4-Nitroaniline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
7/15/2002 11:05 #1	BNA-Water	5-Nitro-o-toluidine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Acenaphthene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Acenaphthylene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Acetophenone	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Aniline	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Anthracene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzidine	94	ug/L	U	94	380
7/15/2002 11:05 #1	BNA-Water	Benzo(a)anthracene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzo(a)pyrene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzo(b)fluoranthene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzo(g,h,i)perylene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzo(k)fluoranthene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Benzyl alcohol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Bis(2-chloroethoxy)methane	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Bis(2-chloroethyl)ether	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Bis(2-chloroisopropyl)ether	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
7/15/2002 11:05 #1	BNA-Water	Butyl benzyl phthalate	4.7	ug/L	U	4.7	19
7/15/2002 11:05 #1	BNA-Water	Chrysene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Di-n-butyl phthalate	4.7	ug/L	U	4.7	19
7/15/2002 11:05 #1	BNA-Water	Di-n-octyl phthalate	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Dibenzo(a,h)anthracene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Dibenzofuran	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Diethyl phthalate	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Dimethyl phthalate	47	ug/L	U	47	190

7/15/2002 11:05 #1	BNA-Water	Dimethylaminoazobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Diphenylamine	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Ethyl methanesulfonate	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Fluoranthene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Fluorene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	Hexachlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Hexachlorobutadiene	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Hexachlorocyclopentadiene	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Hexachloroethane	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	Indeno(1,2,3-cd)pyrene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Isophorone	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Isosafrole	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Methapyrilene	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Methyl methanesulfonate	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	N-Nitrosodi-n-butylamine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	N-Nitrosodiethylamine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	N-Nitrosodiphenylamine	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	N-Nitrosomorpholine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	N-Nitrosopiperidine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	Naphthalene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	75
7/15/2002 11:05 #1	BNA-Water	Pentachlorobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Pentachloroethane	47	ug/L	U	47	190

7/15/2002 11:05 #1	BNA-Water	Pentachloronitrobenzene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Pentachlorophenol	2.8	ug/L	U	2.8	11
7/15/2002 11:05 #1	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	11
7/15/2002 11:05 #1	BNA-Water	Phenanthrene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Phenol	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Pyrene	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
7/15/2002 11:05 #1	BNA-Water	Safrole	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7
7/15/2002 11:05 #1	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.5
7/15/2002 11:05 #1	BNA-Water	o-Toluidine	0.94	ug/L	U	0.94	3.8
7/15/2002 11:05 #1	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC5	100	LC50	L		
7/15/2002 11:05 #1	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, L	100	LC50	L		
7/15/2002 11:05 #1	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
7/15/2002 11:05 #1	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
7/15/2002 11:05 #1	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
7/15/2002 11:05 #1	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05 #1	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Ethion	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05 #1	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05 #1	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
7/15/2002 11:05 #1	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05 #1	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05 #1	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
7/15/2002 11:05 #1	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
7/15/2002 11:05 #1	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.88
7/15/2002 11:05 #1	GC-Water	Metribuzin	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05 #1	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
7/15/2002 11:05 #1	GC-Water	Naled	0.75	ug/L	U	0.75	3

7/15/2002 11:05	#1	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05	#1	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
7/15/2002 11:05	#1	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.376
7/15/2002 11:05	#1	GC-Water	Phorate	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05	#1	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
7/15/2002 11:05	#1	GC-Water	Simazine	0.047	ug/L	U	0.047	0.188
7/15/2002 11:05	#1	Metals-Water	Aluminum	280	ug/L		50	200
7/15/2002 11:05	#1	Metals-Water	Arsenic	30	ug/L	U	30	120
7/15/2002 11:05	#1	Metals-Water	Cadmium	0.12	ug/L	U	0.12	0.5
7/15/2002 11:05	#1	Metals-Water	Calcium	354	mg/L		0.2	0.8
7/15/2002 11:05	#1	Metals-Water	Chromium	20	ug/L	U	20	80
7/15/2002 11:05	#1	Metals-Water	Copper	2.2	ug/L	I	0.5	2
7/15/2002 11:05	#1	Metals-Water	Iron	300	ug/L		50	200
7/15/2002 11:05	#1	Metals-Water	Lead	1	ug/L	U	1	4
7/15/2002 11:05	#1	Metals-Water	Magnesium	1.11E+03	mg/L		1.2	5
7/15/2002 11:05	#1	Metals-Water	Nickel	20	ug/L	U	20	80
7/15/2002 11:05	#1	Metals-Water	Selenium	50	ug/L	U	50	200
7/15/2002 11:05	#1	Metals-Water	Silver	0.1	ug/L	U	0.1	0.4
7/15/2002 11:05	#1	Metals-Water	Zinc	72	ug/L	U	25	100
7/15/2002 11:05	#1	Nutrients-Liquid	Ammonia-N	0.049	mg N/L	Y	0.01	0.02
7/15/2002 11:05	#1	Nutrients-Liquid	NO2NO3-N	0.029	mg N/L	J	0.004	0.01
7/15/2002 11:05	#1	Nutrients-Liquid	N_KJEL_TOT	0.48	mg N/L	Y	0.12	0.4
7/15/2002 11:05	#1	Nutrients-Liquid	O-Phosphate-P	0.011	mg P/L		0.004	0.01
7/15/2002 11:05	#1	Nutrients-Liquid	Total-P	0.043	mg P/L	IY	0.03	0.08
7/15/2002 11:05	#1	Overflow	Oil and Grease	0.55	mg/L	U		
7/15/2002 6:25	BLANK	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	1,2,4-Trichlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	1,2-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	1,3-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	1,4-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	1,4-Naphthoquinone	19	ug/L	U	19	77
7/15/2002 6:25	BLANK	BNA-Water	1-Naphthylamine	9.6	ug/L	U	9.6	38
7/15/2002 6:25	BLANK	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	2,4,5-Trichlorophenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2,4,6-Trichlorophenol	0.96	ug/L	U	0.96	3.8

7/15/2002 6:25	BLANK	BNA-Water	2,4-Dichlorophenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
7/15/2002 6:25	BLANK	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	58
7/15/2002 6:25	BLANK	BNA-Water	2,4-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2,6-Dichlorophenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2,6-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Acetylaminofluorene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Chloronaphthalene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Chlorophenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	2-Methylnaphthalene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Naphthylamine	9.6	ug/L	U	9.6	38
7/15/2002 6:25	BLANK	BNA-Water	2-Nitroaniline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Nitrophenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	2-Picoline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
7/15/2002 6:25	BLANK	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	U	19	77
7/15/2002 6:25	BLANK	BNA-Water	3-Methylcholanthrene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	3-Nitroaniline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	4-Bromophenyl phenyl ether	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	4-Chloro-3-methylphenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	4-Chloroaniline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	4-Nitroaniline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	4-Nitrophenol	14	ug/L	U	14	58
7/15/2002 6:25	BLANK	BNA-Water	5-Nitro-o-toluidine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Acenaphthene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Acenaphthylene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Acetophenone	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Aniline	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Anthracene	0.96	ug/L	U	0.96	3.8

7/15/2002 6:25	BLANK	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzidine	96	ug/L	U	96	380
7/15/2002 6:25	BLANK	BNA-Water	Benzo(a)anthracene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzo(a)pyrene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzo(b)fluoranthene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzo(g,h,i)perylene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzo(k)fluoranthene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Benzyl alcohol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Bis(2-chloroethoxy)methane	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Bis(2-chloroethyl)ether	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	58
7/15/2002 6:25	BLANK	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
7/15/2002 6:25	BLANK	BNA-Water	Chrysene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
7/15/2002 6:25	BLANK	BNA-Water	Di-n-octyl phthalate	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Dibenzo(a,h)anthracene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Dibenzofuran	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Diethyl phthalate	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
7/15/2002 6:25	BLANK	BNA-Water	Dimethylaminoazobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Ethyl methanesulfonate	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Fluoranthene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Fluorene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	Hexachlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	12

7/15/2002 6:25	BLANK	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	Indeno(1,2,3-cd)pyrene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Isophorone	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Isosafrole	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Methapyrilene	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Methyl methanesulfonate	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosodi-n-butylamine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosodiethylamine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosomorpholine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosopiperidine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	Naphthalene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	77
7/15/2002 6:25	BLANK	BNA-Water	Pentachlorobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
7/15/2002 6:25	BLANK	BNA-Water	Pentachloronitrobenzene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
7/15/2002 6:25	BLANK	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	12
7/15/2002 6:25	BLANK	BNA-Water	Phenanthrene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Phenol	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Pyrene	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
7/15/2002 6:25	BLANK	BNA-Water	Safrole	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.8
7/15/2002 6:25	BLANK	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.7
7/15/2002 6:25	BLANK	BNA-Water	o-Toluidine	0.96	ug/L	U	0.96	3.8
7/15/2002 6:25	BLANK	GC-Water	Alachlor	0.58	ug/L	U	0.58	2.32

7/15/2002 6:25	BLANK	GC-Water	Ametryn	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Atrazine	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Azinphos Methyl	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
7/15/2002 6:25	BLANK	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
7/15/2002 6:25	BLANK	GC-Water	Chlorpyrifos Ethyl	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Chlorpyrifos Methyl	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Diazinon	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Ethion	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Ethoprop	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
7/15/2002 6:25	BLANK	GC-Water	Fonofos	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Hexazinone	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Malathion	0.15	ug/L	U	0.15	0.6
7/15/2002 6:25	BLANK	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
7/15/2002 6:25	BLANK	GC-Water	Metolachlor	0.49	ug/L	U	0.49	1.96
7/15/2002 6:25	BLANK	GC-Water	Metribuzin	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
7/15/2002 6:25	BLANK	GC-Water	Naled	0.78	ug/L	U	0.78	3.12
7/15/2002 6:25	BLANK	GC-Water	Norflurazon	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.6
7/15/2002 6:25	BLANK	GC-Water	Parathion Methyl	0.097	ug/L	U	0.097	0.388
7/15/2002 6:25	BLANK	GC-Water	Phorate	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.6
7/15/2002 6:25	BLANK	GC-Water	Simazine	0.049	ug/L	U	0.049	0.196
7/15/2002 6:25	BLANK	Metals-Water	Aluminum	24	ug/L	U	10	40
7/15/2002 6:25	BLANK	Metals-Water	Arsenic	3	ug/L	U	3	12
7/15/2002 6:25	BLANK	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
7/15/2002 6:25	BLANK	Metals-Water	Calcium	0.02	mg/L	U	0.02	0.08
7/15/2002 6:25	BLANK	Metals-Water	Chromium	2	ug/L	U	2	8
7/15/2002 6:25	BLANK	Metals-Water	Copper	1.1	ug/L	U	0.5	2
7/15/2002 6:25	BLANK	Metals-Water	Iron_271	25	ug/L	U	25	100
7/15/2002 6:25	BLANK	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4
7/15/2002 6:25	BLANK	Metals-Water	Magnesium	0.025	mg/L	U	0.025	0.1
7/15/2002 6:25	BLANK	Metals-Water	Nickel	2	ug/L	U	2	8
7/15/2002 6:25	BLANK	Metals-Water	Selenium	1	ug/L	U	1	4
7/15/2002 6:25	BLANK	Metals-Water	Silver	0.02	ug/L	U	0.02	0.08

7/15/2002 6:25	BLANK	Metals-Water	Zinc	5	ug/L	U	2.5	10
7/15/2002 6:25	BLANK	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
7/15/2002 6:25	BLANK	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	UJ	0.004	0.01
7/15/2002 6:25	BLANK	Nutrients-Liquid	N_KJEL_TOT	0.06	mg N/L	UY	0.06	0.2
7/15/2002 6:25	BLANK	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
7/15/2002 6:25	BLANK	Nutrients-Liquid	Total-P	0.03	mg P/L	UY	0.03	0.08
7/15/2002 6:25	BLANK	Overflow	Oil and Grease	0.55	mg/L	U		

The Bioassay of the Gulf Power-Smith Steam Plant effluent sampled on July 15, 2002, NPDES #FL0002267.

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

Transaction Code		NPDES NUMBER										YR/MO/DA						Insp Type	Inspector	Fac Type
1	N	2	5	3	F	L	0	0	0	2	2	6	7	#	#	0	2	0	7	1	5	# **B**	# **S**	# 2

Remarks

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The Priority Pollutants Analysis for the Bioassay of the Gulf Power-Smith Steam Plant effluent sampled on July 15, 2002, NPDES #FL0002267.

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

Transaction Code		NPDES NUMBER										YR/MO/DA						Insp Type	Inspector	Fac Type
1	N	2	5	3	F	L	0	0	0	2	2	6	7	#	#	0	2	0	7	1	5	# **X**	# **S**	# 2

Remarks

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