

Bioassays of

Florida Distillers Company – Lake Alfred

Lake Alfred, Polk County, Florida

NPDES #FL0029017

Sampled 12/9/02

March 2003

Biology Section

Division of Resource Assessment & Management

Comprehensive Quality Assurance Plan #870346G

Bioassays of

Florida Distillers Company – Lake Alfred

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NPDES #FL0029017

Biology Section
Bureau of Laboratories
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Florida Distillers Company-Lake Alfred, 620 Dakota Avenue, Lake Alfred, Polk County, Florida, NPDES #FL0029017, tests performed on 10 to 12 December 2002.

Introduction

This ethyl alcohol producer has a design flow of 1.11 MGD and an average daily flow of 0.53 MGD (September 2001 to August 2002) to outfall 003. After treatment consisting of pH adjustment, extended aeration, and clarification, wastewaters from cane and citrus molasses fermentation and distillation are discharged to a percolation pond or reused in spray irrigation. Non-contact cooling water, treated in a cooling tower, is discharged to either Lake Swoop (outfall 002) or is combined with storm water and discharged to the Class III fresh waters of Lake Haines (outfall 003) were sampling took place (facility information provided by Melissa Gunter, FDEP, Tampa).

Methods

Samples were collected by 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 TA07-01 and TA07-02. All internal DEP SOP's are available on the web at:
http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp.

The biological oxygen demand, measured at the time of sample collection, was 56 mg/L, which exceeds the permit limit of 20 mg/L daily maximum.

The bioassay sample was aerated prior to test set-up to increase the dissolved oxygen from 4.9 mg/L to 8.0 mg/L. The *C. leedsi* test was aerated at 24 hours due to a decrease in the dissolved oxygen in the 100% effluent.

Toxicity Test Results

Ceriodaphnia dubia 48-hr acute screen – Not Toxic
Cyprinella leedsi 48-hr acute screen –Toxic – 35% mortality

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.

Conclusion

The sample of effluent collected from this facility on December 9, 2002, showed acute toxicity to *C. leedsi* during the 48-hour bioassay tests. The cause of toxicity in the fish bioassay is attributed primarily to a decrease in dissolved oxygen over the first 24 hours of the test; however,

unidentified constituents in the sample cannot be ruled out as contributing to the observed mortality.

Table 1. Data recorded during the 48-hour acute screening bioassays of a sample of effluent from the Florida Distillers Company-Lake Alfred, 620 Dakota Avenue, Lake Alfred, Polk County, Florida, NPDES# FL0029017, performed from 10 to 12 December 2002.

Facility:	**Florida Distillers Company-Lake Alfred**	**NPDES #:**	**FL0029017**	Facility Type:	**ethyl-alcohol producer**	**Analysts:**	Jacquelyn Brynda, Joshua Ayres, James Daniels, Marshall Faircloth, Christa Pierini
Location:	620 Dakota Avenue, Lake Alfred	Contact/District:	Gunter/SW				
County:	Polk	Test type:	static acute screen				
Sample Collection Date:	12/9/2002 Time: 1045	# tests:	2	Receiving Water:	Lake Haines		
Test Beginning Date:	12/10/2002 Time: 1500	Chlorination Type:	non-chlorinated		Class III Fresh		
Test Ending Date:	12/12/2002 Time: 1415				**Page 1 of 1**	**Reviewer:**	David Whiting

Organism: ***Ceriodaphnia dubia*** Life stage: <24 hours

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[A]			Dissolved Oxygen[B]			Conductivity Uncorrected µmhos/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	0/20	5	5	4	8.2	-	8.2	24.3	-	24.2	6.9	-	7.7	170	180
Control B	0/20	5	5	5	-	-	8.2	-	-	24.1	-	-	7.8	-	190
Control C	0/20	5	5	5	-	-	8.2	-	-	24.0	-	-	7.9	-	200
Control D	0/20	5	5	5	-	-	8.2	-	-	23.6	-	-	7.9	-	205
100% A	20/0	5	5	5	8.1	-	8.3	24.1	-	23.9	6.9	-	7.9	446	485
100% B	20/0	5	5	5	-	-	8.3	-	-	23.9	-	-	7.7	-	505
100% C	20/0	5	5	5	-	-	8.3	-	-	23.8	-	-	7.3	-	530
100% D	20/0	5	5	5	-	-	8.4	-	-	23.6	-	-	7.2	-	550

[A] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.

Room Temperature range for the test period was 22.5-25.0°C.

Incubator #3 temperature range for the test period was 24.0-26.0°C.

[B] Sample was aerated for 15 minutes prior to test initiation. The dissolved oxygen increased from 4.9 mg/L to 8.0 mg

Organism: ***Cyprinella leedsi*** Life stage: 13 days

	Sample/Diluent	SURVIVAL # Alive			pH			Temperature[C]			Dissolved Oxygen[DE]			Conductivity Uncorrected µmhos/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	4	4	7.9	8.3	8.6	24.2	24.2	23.9	8.0	7.7	7.9	252	290
Control B	0/500	5	5	5	7.9	8.3	8.6	24.0	24.3	23.9	8.0	7.6	8.0	260	290
Control C	0/500	5	5	5	8.0	8.3	8.6	23.7	24.3	23.9	8.0	7.5	8.1	262	280
Control D	0/500	5	5	4	8.0	8.3	8.6	23.7	24.2	23.9	8.0	7.5	8.2	263	280
100% A	500/0	5	4	4	8.0	7.8	8.3	23.9	24.2	24.1	7.5	2.5	8.2	452	510
100% B	500/0	5	3	3	8.1	7.8	8.4	23.8	24.0	24.2	7.1	2.4	7.8	469	510
100 % C	500/0	5	3	2	8.1	7.8	8.5	23.6	24.1	23.9	6.7	2.3	7.8	471	510
100% D	500/0	5	4	4	8.2	7.8	8.4	23.5	24.1	23.8	6.6	2.3	7.7	472	500

[C] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.

Room Temperature range for the test period was 22.5-25.0°C.

Incubator #3 temperature range for the test period was 24.0-26.0°C.

[D] Sample was aerated for 15 minutes prior to test initiation. The dissolved oxygen increased from 4.9 mg/L to 8.0 mg/L.

[E] Test vessels were aerated at 24 hours.

LIMS	
Job number:	TLH-2002-12-10-34
sample number:	642061

Data Transcription Verification	
date:	1/29/2003
by:	Joshua Ayres Travis Hill

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

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

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water (fish):	136	132
Control water (water flea):	75	88
100% Sample:	189	195

Table 2. Results of chemical analyses on the effluent from Florida Distillers Company-Lake Alfred sampled on December 9, 2002.

Metals

Aluminum	63	ug/L	A
Arsenic	3.4	ug/L	I
Cadmium	0.03	ug/L	I
Calcium	53.2	mg/L	A
Chromium	3.4	ug/L	I
Copper	10.4	ug/L	A
Iron	343	ug/L	A
Lead	0.44	ug/L	A
Magnesium	9.3	mg/L	A
Sodium	8.79	mg/L	A
Zinc	34.3	ug/L	A

Pesticides and Herbicides

None detected

Nutrients

Ammonia-N	0.22	mg N/L
Nitrates and Nitrites	0.22	mg N/L
Total Kjeldahl Nitrogen	2.8	mg N/L
Ortho-phosphate	0.1	mg P/L
Organic Carbon	49	mg C/L
Total Dissolved Solids	295	mg/L
Total Phosphorous	0.19	mg P/L

Base, Neutral, & Acid Extractable Organics

None detected

Oil and Grease

Oil and Grease	0.6	mg/L	I

[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 Distillers Company-Lake Alfred, sampled on December 9, 2002.

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
12/9/2002 10:45	28095	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	1,2,4-Trichlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	1,2-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	1,3-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	1,4-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	1,4-Naphthoquinone	19	ug/L	UJ	19	76
12/9/2002 10:45	28095	BNA-Water	1-Naphthylamine	9.5	ug/L	UJ	9.5	38
12/9/2002 10:45	28095	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	2,4,5-Trichlorophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2,4,6-Trichlorophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2,4-Dichlorophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
12/9/2002 10:45	28095	BNA-Water	2,4-Dinitrophenol	14	ug/L	UJ	14	57
12/9/2002 10:45	28095	BNA-Water	2,4-Dinitrotoluene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2,6-Dichlorophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2,6-Dinitrotoluene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Acetylaminofluorene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Chloronaphthalene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Chlorophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	2-Methylnaphthalene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Naphthylamine	9.5	ug/L	UJ	9.5	38
12/9/2002 10:45	28095	BNA-Water	2-Nitroaniline	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Nitrophenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	2-Picoline	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
12/9/2002 10:45	28095	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	UJ	19	76
12/9/2002 10:45	28095	BNA-Water	3-Methylcholanthrene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	3-Nitroaniline	0.95	ug/L	U	0.95	3.8

12/9/2002 10:45	28095	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	4-Aminobiphenyl	3.8	ug/L	UJ	3.8	15
12/9/2002 10:45	28095	BNA-Water	4-Bromophenyl phenyl ether	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	4-Chloro-3-methylphenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	4-Chloroaniline	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	4-Nitroaniline	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
12/9/2002 10:45	28095	BNA-Water	5-Nitro-o-toluidine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Acenaphthene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Acenaphthylene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Acetophenone	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	Aniline	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Anthracene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzidine	95	ug/L	UJ	95	380
12/9/2002 10:45	28095	BNA-Water	Benzo(a)anthracene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzo(a)pyrene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzo(b)fluoranthene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzo(g,h,i)perylene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzo(k)fluoranthene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Benzyl alcohol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Bis(2-chloroethoxy)methane	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Bis(2-chloroethyl)ether	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
12/9/2002 10:45	28095	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
12/9/2002 10:45	28095	BNA-Water	Chrysene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
12/9/2002 10:45	28095	BNA-Water	Di-n-octyl phthalate	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Dibenzo(a,h)anthracene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Dibenzofuran	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7

12/9/2002 10:45	28095	BNA-Water	Diethyl phthalate	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
12/9/2002 10:45	28095	BNA-Water	Dimethylaminoazobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	Ethyl methanesulfonate	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Fluoranthene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Fluorene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	Hexachlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	Indeno(1,2,3-cd)pyrene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Isophorone	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Isosafrole	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Methapyrilene	3.8	ug/L	UJ	3.8	15
12/9/2002 10:45	28095	BNA-Water	Methyl methanesulfonate	0.95	ug/L	UJ	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	N-Nitrosodi-n-butylamine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	N-Nitrosodiethylamine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	N-Nitrosomorpholine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	N-Nitrosopiperidine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	Naphthalene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	UJ	19	76

12/9/2002 10:45	28095	BNA-Water	Pentachlorobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
12/9/2002 10:45	28095	BNA-Water	Pentachloronitrobenzene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	11
12/9/2002 10:45	28095	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	11
12/9/2002 10:45	28095	BNA-Water	Phenanthrene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Phenol	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Pyrene	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
12/9/2002 10:45	28095	BNA-Water	Safrole	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 10:45	28095	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.6
12/9/2002 10:45	28095	BNA-Water	o-Toluidine	0.95	ug/L	U	0.95	3.8
12/9/2002 10:45	28095	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
12/9/2002 10:45	28095	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Atrazine	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
12/9/2002 10:45	28095	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
12/9/2002 10:45	28095	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Chlorpyrifos Methyl	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Diazinon	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Ethion	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Ethoprop	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
12/9/2002 10:45	28095	GC-Water	Fonofos	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Hexazinone	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
12/9/2002 10:45	28095	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
12/9/2002 10:45	28095	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.92
12/9/2002 10:45	28095	GC-Water	Metribuzin	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
12/9/2002 10:45	28095	GC-Water	Naled	0.76	ug/L	U	0.76	3.04

12/9/2002 10:45	28095	GC-Water	Norflurazon	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
12/9/2002 10:45	28095	GC-Water	Parathion Methyl	0.095	ug/L	U	0.095	0.38
12/9/2002 10:45	28095	GC-Water	Phorate	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
12/9/2002 10:45	28095	GC-Water	Simazine	0.048	ug/L	U	0.048	0.192
12/9/2002 10:45	28095	Mercury-Water	Mercury	0.1	ug/L	U	0.1	0.4
12/9/2002 10:45	28095	Metals-Water	Aluminum	63	ug/L	A	10	40
12/9/2002 10:45	28095	Metals-Water	Arsenic	3.4	ug/L	I	3	12
12/9/2002 10:45	28095	Metals-Water	Cadmium	0.03	ug/L	I	0.025	0.1
12/9/2002 10:45	28095	Metals-Water	Calcium	53.2	mg/L	A	0.04	0.12
12/9/2002 10:45	28095	Metals-Water	Chromium	3.4	ug/L	I	2	8
12/9/2002 10:45	28095	Metals-Water	Copper	10.4	ug/L	A	0.75	3
12/9/2002 10:45	28095	Metals-Water	Iron	343	ug/L	A	7	28
12/9/2002 10:45	28095	Metals-Water	Lead	0.44	ug/L	A	0.1	0.4
12/9/2002 10:45	28095	Metals-Water	Magnesium	9.3	mg/L	A	0.01	0.04
12/9/2002 10:45	28095	Metals-Water	Nickel	3	ug/L	U	2	8
12/9/2002 10:45	28095	Metals-Water	Selenium	1	ug/L	U	1	4
12/9/2002 10:45	28095	Metals-Water	Silver	0.02	ug/L	U	0.02	0.08
12/9/2002 10:45	28095	Metals-Water	Sodium	8.79	mg/L	A	0.2	0.8
12/9/2002 10:45	28095	Metals-Water	Zinc	34.3	ug/L	A	2	8
12/9/2002 10:45	28095	Nutrients-Liquid	Ammonia-N	0.22	mg N/L		0.01	0.02
12/9/2002 10:45	28095	Nutrients-Liquid	NO2NO3-N	0.22	mg N/L		0.004	0.01
12/9/2002 10:45	28095	Nutrients-Liquid	N_KJEL_TOT	2.8	mg N/L		0.06	0.2
12/9/2002 10:45	28095	Nutrients-Liquid	O-Phosphate-P	0.1	mg P/L		0.004	0.01
12/9/2002 10:45	28095	Nutrients-Liquid	Organic Carbon	49	mg C/L		1	5
12/9/2002 10:45	28095	Nutrients-Liquid	TDS	295	mg/L		15	60
12/9/2002 10:45	28095	Nutrients-Liquid	Total-P	0.19	mg P/L		0.015	0.04
12/9/2002 10:45	28095	Overflow	Oil and Grease	0.6	mg/L	I		
12/9/2002 11:10	28096	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	1,2,4-Trichlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	1,2-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	1,3-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	1,4-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	1,4-Naphthoquinone	19	ug/L	UJ	19	75

12/9/2002 11:10	28096	BNA-Water	1-Naphthylamine	9.4	ug/L	UJ	9.4	38
12/9/2002 11:10	28096	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	2,4,5-Trichlorophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2,4,6-Trichlorophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2,4-Dichlorophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2,4-Dimethylphenol	47	ug/L	U	47	190
12/9/2002 11:10	28096	BNA-Water	2,4-Dinitrophenol	14	ug/L	UJ	14	57
12/9/2002 11:10	28096	BNA-Water	2,4-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2,6-Dichlorophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2,6-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Acetylaminofluorene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Chloronaphthalene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Chlorophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Methyl-4,6-dinitrophenol	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	2-Methylnaphthalene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Naphthylamine	9.4	ug/L	UJ	9.4	38
12/9/2002 11:10	28096	BNA-Water	2-Nitroaniline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Nitrophenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	2-Picoline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
12/9/2002 11:10	28096	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	UJ	19	75
12/9/2002 11:10	28096	BNA-Water	3-Methylcholanthrene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	3-Nitroaniline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	4-Aminobiphenyl	3.8	ug/L	UJ	3.8	15
12/9/2002 11:10	28096	BNA-Water	4-Bromophenyl phenyl ether	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	4-Chloro-3-methylphenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	4-Chloroaniline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	4-Nitroaniline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
12/9/2002 11:10	28096	BNA-Water	5-Nitro-o-toluidine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Acenaphthene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Acenaphthylene	0.94	ug/L	U	0.94	3.8

12/9/2002 11:10	28096	BNA-Water	Acetophenone	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	Aniline	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Anthracene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzidine	94	ug/L	UJ	94	380
12/9/2002 11:10	28096	BNA-Water	Benzo(a)anthracene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzo(a)pyrene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzo(b)fluoranthene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzo(g,h,i)perylene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzo(k)fluoranthene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Benzyl alcohol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Bis(2-chloroethoxy)methane	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Bis(2-chloroethyl)ether	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Bis(2-chloroisopropyl)ether	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
12/9/2002 11:10	28096	BNA-Water	Butyl benzyl phthalate	4.7	ug/L	U	4.7	19
12/9/2002 11:10	28096	BNA-Water	Chrysene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Di-n-butyl phthalate	4.7	ug/L	U	4.7	19
12/9/2002 11:10	28096	BNA-Water	Di-n-octyl phthalate	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Dibenzo(a,h)anthracene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Dibenzofuran	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	Diethyl phthalate	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Dimethyl phthalate	47	ug/L	U	47	190
12/9/2002 11:10	28096	BNA-Water	Dimethylaminoazobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	Diphenylamine	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	Ethyl methanesulfonate	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Fluoranthene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Fluorene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7

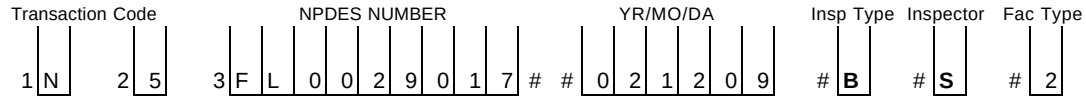
12/9/2002 11:10	28096	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	Hexachlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Hexachlorobutadiene	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Hexachlorocyclopentadiene	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Hexachloroethane	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	Indeno(1,2,3-cd)pyrene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Isophorone	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Isosafrole	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Methapyrilene	3.8	ug/L	UJ	3.8	15
12/9/2002 11:10	28096	BNA-Water	Methyl methanesulfonate	0.94	ug/L	UJ	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	N-Nitrosodi-n-butylamine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	N-Nitrosodiethylamine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	N-Nitrosodiphenylamine	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	N-Nitrosomorpholine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	N-Nitrosopiperidine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	Naphthalene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	UJ	19	75
12/9/2002 11:10	28096	BNA-Water	Pentachlorobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Pentachloroethane	47	ug/L	U	47	190
12/9/2002 11:10	28096	BNA-Water	Pentachloronitrobenzene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Pentachlorophenol	2.8	ug/L	U	2.8	11
12/9/2002 11:10	28096	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	11
12/9/2002 11:10	28096	BNA-Water	Phenanthrene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Phenol	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Pyrene	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
12/9/2002 11:10	28096	BNA-Water	Safrole	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
12/9/2002 11:10	28096	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7

12/9/2002 11:10	28096	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.5
12/9/2002 11:10	28096	BNA-Water	o-Toluidine	0.94	ug/L	U	0.94	3.8
12/9/2002 11:10	28096	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.28
12/9/2002 11:10	28096	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
12/9/2002 11:10	28096	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
12/9/2002 11:10	28096	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Ethion	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
12/9/2002 11:10	28096	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
12/9/2002 11:10	28096	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
12/9/2002 11:10	28096	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.88
12/9/2002 11:10	28096	GC-Water	Metribuzin	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
12/9/2002 11:10	28096	GC-Water	Naled	0.75	ug/L	U	0.75	3
12/9/2002 11:10	28096	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
12/9/2002 11:10	28096	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.376
12/9/2002 11:10	28096	GC-Water	Phorate	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
12/9/2002 11:10	28096	GC-Water	Simazine	0.047	ug/L	U	0.047	0.188
12/9/2002 11:10	28096	Mercury-Water	Mercury	0.1	ug/L	U	0.1	0.4
12/9/2002 11:10	28096	Metals-Water	Aluminum	10	ug/L	U	10	40
12/9/2002 11:10	28096	Metals-Water	Arsenic	3	ug/L	U	3	12
12/9/2002 11:10	28096	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
12/9/2002 11:10	28096	Metals-Water	Calcium	0.04	mg/L	U	0.04	0.12
12/9/2002 11:10	28096	Metals-Water	Chromium	2	ug/L	U	2	8
12/9/2002 11:10	28096	Metals-Water	Copper	0.75	ug/L	U	0.75	3
12/9/2002 11:10	28096	Metals-Water	Iron	7	ug/L	U	7	28

12/9/2002 11:10	28096	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4
12/9/2002 11:10	28096	Metals-Water	Magnesium	0.01	mg/L	U	0.01	0.04
12/9/2002 11:10	28096	Metals-Water	Nickel	2	ug/L	U	2	8
12/9/2002 11:10	28096	Metals-Water	Selenium	1	ug/L	U	1	4
12/9/2002 11:10	28096	Metals-Water	Silver	0.02	ug/L	U	0.02	0.08
12/9/2002 11:10	28096	Metals-Water	Sodium	0.2	mg/L	U	0.2	0.8
12/9/2002 11:10	28096	Metals-Water	Zinc	5	ug/L	U	2	8
12/9/2002 11:10	28096	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
12/9/2002 11:10	28096	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
12/9/2002 11:10	28096	Nutrients-Liquid	N_KJEL_TOT	0.06	mg N/L	U	0.06	0.2
12/9/2002 11:10	28096	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
12/9/2002 11:10	28096	Nutrients-Liquid	Organic Carbon	1	mg C/L	U	1	5
12/9/2002 11:10	28096	Nutrients-Liquid	TDS	15	mg/L	U	15	60
12/9/2002 11:10	28096	Nutrients-Liquid	Total-P	0.015	mg P/L	U	0.015	0.04
12/9/2002 11:10	28096	Overflow	Oil and Grease	0.55	mg/L	U		

The Bioassay of Florida Distillers Company-Lake Alfred effluent sampled on December 9, 2002, NPDES #FL0029017.

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



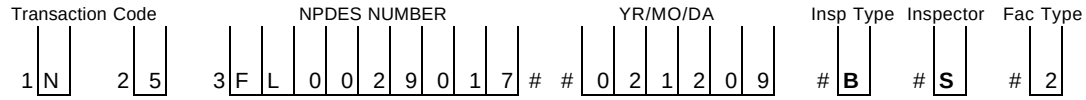
Remarks



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The Priority Pollutants Analysis for Bioassay of Florida Distillers Company-Lake Alfred effluent sampled on December 9, 2002, NPDES #FL0029017.

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



Remarks



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