

Bioassays of

Lansing Smith Electric Generating Plant

Bay County

NPDES #FL0002267

Sampled July 26, 2004

December 2004

Biology Section
Bureau of Laboratories
Division of Resource Assessment and Management

Quality Manual No. 870346G
NELAC Certification No. E31780

Lansing Smith Electric Generating Plant, 4300 County Road 2300, Southport, Bay County, Florida, NPDES #FL0002267. Effluent samples for this facility were collected on July 26, 2004

Introduction

Lansing Smith is an electric generating plant with a design flow of 273.6 million gallons per day (MGD) maximum daily flow. The average monthly flow for January - June 2004 was 263 MGD. Effluent discharged via outfall D-001 into the discharge canal consists of once-through cooling water (OTCW), cooling tower blowdown, and overflow from the ash pond. OTCW discharges without treatment. Wastewater streams that are routed to the cooling tower basin and thus discharged via cooling tower blowdown to the discharge canal are (1) evaporator cooler blowdown and (2) clean drain effluent from the turbine/boiler building. The cooling tower blowdown valves are closed during chlorination until chlorine residual concentration decreases to an acceptable concentration. All other wastewaters from operations 1 and 2 are discharged to the ash pond. Wastewater streams that discharge to the ash pond include boiler blowdown, water treatment filter backwash, air preheater, ash and pyrite sluice, coal pile runoff, yard runoff, treated metal cleaning waste, treated demineralizer regeneration waste, treated domestic wastewater, and other minor process and non-process waste systems. Demineralizer regeneration waste is neutralized and allowed to settle in a retention pond prior to discharge to the ash pond. Metal cleaning waste is neutralized in pipe and is chemically precipitated and allowed to settle in a retention pond prior to discharge to the ash pond. Domestic wastewater receives secondary treatment in an extended aeration package treatment plant prior to discharge to the ash pond. Demineralizer waste composed of (1) green sand filter backwash, (2) multimedia filter backwash, and (3) reverse osmosis concentrate, will be routed to an existing stormwater sump to be discharged to existing ash ponds. Boiler blowdown from the two heat recovery steam generators (HRSG) is routed to the main yard sump, to be discharged to the existing ash ponds. Gas turbine and equipment waste are drained to the oil-water separator, from which wastewater will be drained to the site wastewater sump before being pumped to the existing ash ponds. Transformer enclosure drains are used to drain and release collected stormwater to the site run-off water system. Chemical cleaning waste streams are diverted to the existing on-site metals cleaning pond for disposal.

The discharge canal, sampling location D-001, empties into Warren Bayou, Class II Marine waters, at approximately latitude 30°16’23.87”N, longitude 85°43’15.52”W. An existing 0.01 MGD emergency overflow discharges to Alligator Bayou, Class III Marine waters. The receiving water depth at the Main Yard Sump Overflow outfall line is approximately 6 feet and the point of discharge is located approximately at latitude 30°16’04.42”N, longitude 85°42’03.11”W.

Permit water quality violations between January 1999 and September 2003 occurred for total residual oxidants, temperature, and pH (facility information provided by Wesley Keller of FDEP Northwest District).

Methods

Samples were collected from the D-001 NPDES sampling point by Glenn Butts and K. Butchikas (FDEP Northwest District) 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.

Bioassay and chemistry samples were collected on July 26, 28, and 30, 2004, and the AGP sample was collected on July 26, 2004.

The screening chronic toxicity tests and an algal growth potential test were performed following internal DEP SOP’s TA07_14, TA07_15, and TA08_01 through TA08_07. All internal DEP SOP’s are available on the web at: http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp.

For the fish test, all test chambers were aerated on day four due to low dissolved oxygen in the Controls.

Dunnett's procedure (available at Statistical Analysis for Biological Methods http://www.epa.gov/EERD/stat2.htm) and t-tests were used to analyze data from these tests.

Toxicity Test Results

Tests were performed July 27 – August 3, 2004.

Menidia beryllina 7-day chronic screening bioassay – NOEC > 100%

Americamysis bahia 7-day chronic screening bioassay – NOEC > 100%

Bioassay samples did not show toxicity to the test organisms.

See Appendix 1 for bioassay bench sheets.

Algal Growth Potential

The effluent Algal Growth Potential (AGP) was 1.44 mg dry wt/L of *Dunaliella tertiolecta.* Raschke and Shultz found that AGP values above 10.0 mg dry weight/L represent a “problem” threshold for marine receiving waters, implying nutrient enrichment (personal communication with Ron Raschke USEPA Region 4 1987). The analytical chemistry suggests that the effluent is phosphorus-limited for inorganic constituents.

See Table 1 for AGP results.

Chemistry Results

Total residual chlorine and total ammonia were not detected in the bioassay sample in the laboratory. The total ammonia concentration in the samples collected and preserved for chemical analysis on July 26, 28, and 30, were 0.26, 0.094, and 0.081 mg/L, respectively. Based on the pH, salinity, and temperature of the effluent as collected, the calculated unionized ammonia concentrations were < 0.02 mg/L for all three days.

Aluminum and iron were detected in the effluent on July 26 and 28 at levels that comply with Class III fresh water quality criteria, and aluminum was detected at those levels also on July 30. Copper was detected between the laboratory minimum detection limits (MDL) and practical quantitation limits (PQL) on all three days, while lead and iron were detected at that level on the first and last days, respectively.

See Table 2 for results of analytes detected in the effluent, and corresponding limits.

See Appendix 2 for a complete list of chemical analyses performed.

Conclusion

The effluent samples collected from D-001 for this facility on July 26, 28, and 30, 2004, did not show chronic toxicity to either test species during the 7-day bioassays. The effluent AGP result was less than the "problem” threshold for marine receiving waters. Effluent water quality samples did not exceed any applicable water quality standards or violate any permit conditions.

Table 1. *Algal growth potential (AGP) of* Duneliella tertiolecta *and nitrogen to phosphorus ratios for the samples of effluent collected from the Lansing Smith Electric Generating Plant on July 26, 2004.*

Location	AGP (measured)	Inorganic N:P ratio	Total N:P ratio
Effluent Sample Day 1	1.44	45.17	0.5

Table 2. Effluent limits, Class II Marine Criteria, and chemical data for samples from Lansing Smith Electric Generating Plant collected on July 26, 28, and 30, 2004.

Lansing Smith Electric Generating Plant	Class II Marine Stds	Effluent Limits	Effluent Sample Day 1	Effluent Sample Day 2	Effluent Sample Day 3
Organic Constituents (µg/L)					
None Detected	-	-	-	-	-
Metals (µg/L unless otherwise noted)					
Aluminum	≤ 1500	-	341	225	123
Arsenic	≤ 50	-	18 U	18 U	18 U
Cadmium	≤ 9.3	-	0.25 U	0.25 U	0.25 U
Calcium (mg/L)	-	-	306	319	320
Chromium-III	-	-	4 U	6 U	6 U
Copper	≤ 3.7	≤ 3.7	0.73 I	0.59 I	0.6 I
Iron	≤ 300	-	228	170	110 I
Lead	≤ 8.5	≤ 8.5	0.86 I	0.5 U	0.5 U
Magnesium (mg/L)	-	-	974	992	972
Nickel	≤ 8.3	≤ 8.3	6 U	6 U	6 U
Selenium	≤ 71	-	21 U	21 U	5 U
Silver	≤ 2.3	-	0.1 U	0.1 U	0.1 U
Zinc	≤ 86	-	9 U	12 U	9 U
Nutrients (mg/L)					
Ortho-phosphate	-	-	0.006 I	-	-
Total Phosphorus	-	-	0.022 I	0.065	0.032 I
Ammonia	-	-	0.26	0.094	0.081
Unionized Ammonia	-	-	0.0284 c	< 0.02 c	< 0.02 c
Nitrate+Nitrite	-	-	0.011	0.24	0.006 I
Total Kjeldahl Nitrogen	-	-	0.62	0.46	0.41 A
Organic Nitrogen	-	-	0.36 c	0.366 c	0.329 c
Total Nitrogen	-	-	0.631 c	0.7 c	0.416 c
General Physical and Chemical Parameters					
Dissolved Oxygen (mg/L)	≥ 4 s	-	4.9	4.5	4.8
pH (S.U.)	6.5 - 8.5	6.5 - 8.5	7.9	7.8	7.8
Conductivity (umhos/cm)	-	-	40460	41809	41709
Temperature (C)	-	-	39.9	39.2	40.4
Oil and Grease (mg/l)	≤ 5	≤ 5	0.69 U	0.69 U	0.69 U
Total Residual Chlorine (mg/L)	≤ 0.01	-	< 0.03 U	< 0.03 U	< 0.03 U
Total Residual Oxidants (mg/L)	≤ 0.01	-	-	-	-
AGP (mg DryWt/L)	-	-	1.44	-	-

Value exceeds the Class II Marine Water Quality Criteria (62-302, F.A.C.) and/or Effluent Limits

a - Annual average

c - calculated value

s - Single sample

A - Value reported is the mean of two or more determinations

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

U - Material analyzed for but not detected; value reported is the minimum detection limit

Appendix 1. Bench Sheets

Chronic Screening Bioassay Benchsheet

Sample Identification, Test Conditions and Physical Chemistry

***Americamysis bahia* SOP#: TA07_15**

Sample Source: Gulf Power Lansing Smith
Address: Bay County Road 2300
County: Bay
NPDES Permit #FL 0002267
Contact/District Glenn Butts / Northwest

Start Date 7/27/04 Time 1400
End Date: 8/3/04 Time 1200

LIMS entry: 8/4/04 MF verified: DN
Incubator # 3 Temperature Range: 24.0 – 25.6
Room B246 Temperature Range: ~~24.0 – 26.0~~ 23.0-27.0 (C)
Waterbath Temperature Range: ~~24.0 – 26.0~~ (C) Waterbath Temperature Not needed. MF 10-12-04
Feeding: 2 X Daily Artemia Lot#: 5194002561

Light Intensity : 50 - 100 ft. candles (yes) no
Photoperiod : 16 light 8 dark (yes) no
Chamber size : 400 mL Organism Batch #: 41A,I (F)
Sample volume : 250 ml Organism age : 7 days

(F) DEP batch 4 purchased from Aquatic Indicators (A.I.) MF 10-18-04

Water Quality Parameters

	Field Chlorine mg/L			Lab Chlorine mg/L			Alkalinity mg/L as $CaCO_3$			Hardness mg/L as $CaCO_3$		
Lab Sample #:	1	2	3	1	2	3	1	2	3	1	2	3
Sample:	NA	NA	(a) NM	<0.03	<0.03	<0.03	179	162	141	—	—	—
Diluent/Control:				<0.05	<0.03	<0.03	141	141	141	—	—	—
additional Control:				—								
additional Sample:				—								
Method:	—	—	—	Hach	Hach	Hach	Hach	Hach	Hach	Hach	Hach	Hach
Measured by:	—	—	—	SP	SD	SD	DN	SD	SD	—	—	—
Verified by:	DN	DN	DN	CH	DN	DN	SD	DN	DN	—	—	—

	Salinity ‰			Ammonia mg/L		
Lab Sample#:	1	2	3	1	2	3
Sample:	25.6	~~24.0~~ (E)	~ 25.4	<0.061	<0.061	<0.061
Diluent/Control:	~~25.2~~	~~24.0~~ (E)	~~22.7~~	<0.06	<0.063	<0.063
additional Control:	~~DN~~	~~DN~~	~~DN~~ DN			
additional Sample:						
Method:	Mettler	Mettler	Mettler	Denver	Denver	Denver
Measured by:	DN	DN	DN	DN	DN	DN
Verified by:	SD	SD	SD	MF	MF	SD

(F) Sample salinity = ~ 25 ‰ (parts per thousand) MF 10-13-04
(G) Control salinity ≈ 22.9‰
Due To a measurement/conversion error the salinity of the control was incorrectly calculated. Staff did not note the error until after the test was completed. Staff have since been trained to note discrepancy and report such to supervisors on a daily basis as measurements are performed - MF 10-13-04
all control water used throughout the test was from the initial batch MF 10-13-04

Sample Received	LAB ID #	LIMS SAMPLE #	LIMS JOB #
Test Day 0	Sample: 1	771001	TLH 2004-07-27-28
Test Day 2	Sample: 2	D.N ~~77100~~ 77078	TLH 2004-07-29-47
Test Day 4	Sample: 3	77112C	TLH 2004-07-30-56

Lab Sample #	Collection Date/Time	Received Date/Time
1	7/26/04 / 10:15	7/27/04 / 10:20
2	7/28/04 / 10:30	~~7/28/04~~ (D) 10:45 7/29/04
3	~~7/30/04~~ 7/30/04 / 10:30	7/31/04 (E) ~~10:30~~ 1422

Diluent / Control Batch #:	Days Used
NSW / NA	7

Investigators' signatures
Christa Pennington
Marshall Faircloth
James Smith
Doug Middleton
Sarah Pinhard

reviewer Nigel Wellendorf

Comments:
Control water (NSW) diluted with well water to ~ 25 ‰
(a) NM = Not measured – D.N. Field chlorine was not measured for any sample – MF 10-13-04
(B) incorrect chart temperature recorded MF 10-13-04
(D) incorrect log book entry MF 10-13-04
(E) incorrect Time entry MF 10-13-04
NOEC survival and growth = 100% Sample MF-11-15-04

revised 7/27/04 JF

000001

Chronic Screening Test Survival Benchsheet
Americamysis bahia SOP TA07_15

Facility: Gulf Power Lansing Smith LIMS Sample Number: 770001
(for Lab Sample # 1)

Concentration	Replicate	TEST DAY 0	1	2	3	4	5	6	7
Control	A	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5
	D	5	5	5	5	5	5	5	5
	E	5	5	5	5	5	5	5	5
	F	5	5	5	5	5	5	5	5
	G	5	5	5	5	5	5	5	5
	H	5	5	5	5	5	5	5	5
Sample 100%	A	5	5	5	5	5	5	5	5
	B	5	5	5	5	5	5	5	5
	C	5	5	5	5	5	5	5	5
	D	5	5	5	4 im	4	4	4	4
	E	5	5	5	5	5	5	5	5
	F	5	5	5	4 im	4	4	4	4
	G	5	5	5	5	5	5	5	5
	H	5	5	5	4 im	4	4	4	4
	A	5							
	B	5							
	C	5							
	D	5							
	E	5							
	F	5							
	G	5							
	H	5							
	A	5							
	B	5							
	C	5							
	D	5							
	E	5							
	F	5							
	G	5							
	H	5							
Loaded by: JD	Checked by:		JD	MF	MF	MF	MF	DW	MF
Verified by: MF									

Survival 0% 4.06%

~~Survival~~ Weight	%CV	PMSD
Control	22.9%	22.77%

Survival	Table	Calculated	dF
T-test			

Comments:

revised 7/27/04 MF

000002

Chronic Screening Test Fecundity Benchsheet

Americamysis bahia SOP TA07_15

Facility: Gulf Breeze Lansing Smith

LIMS Sample Number: 770001

(for Lab Sample # 1)

Concentration	Replicate	Females with Eggs	Females no Eggs	Males	Immature
Control	A	0	0	5	
	B	0	0	5	
	C	7	1	2	
	D	1	2	2	
	E	1	2	2	
	F	1	3	1	
	G	0	2	2	1
	H	1	2	2	
Sample	A	1	0	3	1
	B		1	4	
	C	0	2	2	1
	D	1	2	1	
	E	3	0	2	
	F	0	2	2	
	G	1	2	2	
	H	2	0	2	
	A				
	B				
	C				
	D				
	E				
	F				
	G				
	H				
	A				
	B				
	C				
	D				
	E				
	F				
	G				
	H				
Checked by:	[redacted]	MF	MF	MF	MF

Comments:

revised 7/27/04 MF

000003

Biology Laboratory Chronic Screening Bioassay Parameters Benchsheet
Americamysis bahia SOP TA-07_15

Sample Source: Gulf Power Lansing Smith
LIMS Sample #: 170001 (for Lab sample #1)
Start Date: 7/27/04 End Date: 8/3/04
Time: 1400 Time: 1200

Test Day		Conc.	New Sample: Test Rep.	pH (su)	Temp (°C)	DO (mg/L)	Salinity ppth	Old Sample: Test Rep.	pH (su)	Temp (°C)	DO (mg/L)	Salinity ppth
Day 0	sample:	Control	A	8.3	26.0	6.5	25.2	[redacted]				
	1	100%	A	8.2	25.8	6.9	25.6					
	Measured by:		[redacted]	CAP	CAP	CAP	CAP					
	Recorded by:			CAP	CAP	CAP	CAP					
Day 1	sample:	Control	B	7.9	25.9	6.2	~25.0	B	7.8	25.4	6.0	~23.1
	1	100%	B	7.9	24.9	5.5	~25.0	B	7.8	25.2	5.9	~24.8
	Measured by:		[redacted]	DN	DN	DN	DN	[redacted]	CAP	CAP	CAP	CAP
	Recorded by:			DN	DN	DN	DN		CAP	CAP	CAP	CAP
Day 2	sample:	Control	C	7.8	25.5	4.9	~25.0	C	7.8	25.3	5.6	~22.8
	2	100%	C	7.6	25.2	4.6	~25.0	C	7.8	25.0	5.9	~25.3
	Measured by:		[redacted]	DN	DN	DN	DN	[redacted]	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN		DN	DN	DN	DN
Day 3	sample:	Control	D	7.9	25.0	4.7	~23.7	D	8.1	24.7	7.1	~22.0
	2	100%	D	7.9	24.9	5.8	~24.0	D	8.1	24.7	7.1	~25.1
	Measured by:		[redacted]	DN	DN	DN	DN	[redacted]	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN		DN	DN	DN	DN
Day 4	sample:	Control	E	7.8	24.6	5.4	(A) 35.3	DN E	8.1	24.4	6.4	~22.6
	3	100%	E	7.6	24.6	5.5	~~35.3~~	DN E	7.8	24.7	6.5	~25.2
	Measured by:		[redacted]	DN	DN	DN	DN	[redacted]	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN		DN	DN	DN	DN
Day 5	sample:	Control	F	7.8	24.4	4.5	~~35.6~~ (B)	F	8.0	24.1	6.6	(A) ~~33.2~~
	3	100%	F	7.7	24.3	4.3	~~34.7~~ (A)	F	7.9	24.1	6.7	(A) ~~33.7~~
	Measured by:		[redacted]	JD	JD	JD	JD	[redacted]	JD	JD	JD	JD
	Recorded by:			JD	JD	JD	JD		JD	JD	JD	JD
Day 6	sample:	Control	G	8.1	24.0	6.6	(B) ~~37.7~~ (cond)	G	8.0	24.0	6.4	~~37.7~~ (A)
	3	100%	G	7.9	24.5	6.7	~~40.2~~ (cond)	G	8.0	24.2	6.3	~~40.2~~ (A)
	Measured by:		[redacted]	DN	JD	JD	JD	[redacted]	JD	JD	JD	JD
	Recorded by:			DN	JD	JD	JD		JD	JD	JD	JD
Day 7	sample:	Control	[redacted]					H	7.9	24.8	6.7	~~39.6~~ (B)
	3	100%						H	7.9	24.7	6.5	~~40.6~~ (A)
	Measured by:							[redacted]	JD	JD	JD	JD
	Recorded by:								JD	JD	JD	JD

Test Rep. = Replicate

MF 10-13-04 Corrected Sample Salinity

	New	old
	22.4	22.6
	25.3	25.2
	22.7	21.2
	25.7	25.1
	25.2	24.1
	25.7	26.1
cond		25.4
cond		26.1

Comments: (A) Salinity on Day 4, CTRL = ~22.7 ppth, 100% = ~25.1 ppth recorded values were for conductivity. D.N.
Day 4, 5, 6, and 7 conductivity in mmhos per cm recorded rather than salinity. MF 10-13-04
Salinity values on right hand margin MF 10-13-04 (wrong book 10-13-04)

(A) already used for Day 4 MF 10/6/04

Day 6 (A) 38.8 (cond) C1:1 old sample in new plate JD
(B) 39.8 (cond) 100%

revised 7/26/04 mf

000004

Chronic Screening Test Weighing Benchsheet

Facility: Gulf Power Lansing Smith

LIMS Sample Number: 770001

(for Lab Sample # 1)

Weigh page 1

Americamysis bahia **Benchsheet**

SOP TA06_21

			mean wt =Mysid wt divided by 5 convert g to mg: move decimal 3 places to right				
Concentration	Replicate	Pan #	Pan wt. g	Pan + mysid g	Mysid wt. g	Original # mysids	Mean wt. mg
Control	A	53	0.02359	0.02508	0.00149	5	0.298
	B	54	0.02502	0.02852	0.00350	5	0.700
	C	55	0.02454	0.02666	0.00212	5	0.424
	D	56	0.02535	0.02774	0.00239 MS	5	0.478
	E	57	0.02495	0.02711	0.00216	5	0.432
	F	58	0.02500	0.02679	0.00179	5	0.358
	G	59	0.02557	0.02699	0.00142	5	0.284
	H	60	0.02603	0.02764	0.00161	5	0.322
Sample	A	61	0.02409	0.02526	0.00117	5	0.234
	B	62	0.02609	0.02799	0.00190	5	0.380
	C	63	0.02409	0.02621	0.00212	5	0.424
100%	D	64	0.02429	0.02599	0.00170	5	0.340
	E	65	0.02390	0.02576	0.00186	5	0.372
	F	66	0.02529	0.02663	0.00134	5	0.268
	G	67	0.02504	0.02704	0.00200	5	0.400
	H	68	0.02437	0.02590	0.00153	5	0.306
	A					5	
	B					5	
	C					5	
	D					5	
	E					5	
	F					5	
	G					5	
	H					5	
	A					5	
	B					5	
	C					5	
	D					5	
	E					5	
	F					5	
	G					5	
	H					5	
	Weighed by initials:		DN	DN			

Comments: Stdev Ctl Mysid weight g = 0.00239 entry error MS.
T-Test calculated 1.39145 Table (between 1.81200 and 1.734) 14df

revised 7/27/04

000006

Chronic Screening Test Weighing Benchsheet

Quality Control

Facility: Gulf Power Lansing Smith

LIMS Sample Number: 77000/
(for Lab Sample # 1)

Weigh page 2

Americamysis bahia **Bench sheet**

SOP TA06_21

Drying Oven ID:	
Temperature °C:	105
Hours:	6

Tare Weighing Date: 8/03/04 Final Weighing Date: 8/5/03

			Measured Value		S-weight Value
Tare Pan 1 after Pan 5	0.02359	@0.02359	S-weights	@	0.01000
Tare Pan 1 after Pan 10	0.02358	@0.02359	at tare	0.03997 @	0.04000
Tare Pan 1 after Pan 15	0.02360	@0.02359	S-weights	0.01000 @	0.01000
Tare Pan 1 after Pan 20		@	at final	0.03995 @	0.04000
Tare Pan 1 after Pan 25		@			
Tare Pan 1 after Pan 30		@			
Tare Pan 1 after Pan 35		@			
Final Pan 1 after Pan 5	0.02510	@0.02508			
Final Pan 1 after Pan 10	0.02511	@0.02508			
Final Pan 1 after Pan 15	0.02513	@0.02503			
Final Pan 1 after Pan 20		@			
Final Pan 1 after Pan 25		@			
Final Pan 1 after Pan 30		@			
Final Pan 1 after Pan 35		@			

Note: Pan numbers (5, 10, etc.) for Tare and Final refers to sequence of weighing as actual Pan #s may differ.

Comments:

revised 7/26/04 MF

000007

Chronic Screening Bioassay Benchsheet

Sample Identification, Test Conditions and Physical Chemistry

State of Florida
Department of Environmental Protection
Biology Laboratory Chronic Screening Bioassay
P. promelas and *M. beryllina* Bench Sheet

Sample Source: Gulf Power Lansing Smith
Address: Bay County Road 2300
County: Bay
NPDES Permit #FL 0002267
Contact/District Glenn Butts / Northwest
Start Date 7/27/04 Time 1415 End Date: 8/3/04 Time 1400
LIMS entry: MF 8/6/04 verified: DN
Incubator # 3 Temperature Range: 24.0 – 25.6
Room B246 Temperature Range: ~~24.0 – 25.6~~ 23.0 – 27.0 incubator #3 temperature written in incorrect place MF 10-13-04
Feeding: 2 X Daily Artemia Lot#: 01940426G

P. promelas SOP#: TA07_09 *M. beryllina* SOP#: TA07_14
Light Intensity : 50 - 100 ft. candles - yes no
Photoperiod : 16 light 8 dark - yes no
Chamber size : 1 L Organism Batch #: 24
Sample volume : 500 ml Organism age : 10 days hours (days)
Organism: *P. promelas* *M.beryllina* (circle one)

Water Quality Parameters

	Field Chlorine mg/L			Lab Chlorine mg/L			Alkalinity mg/L as $CaCO_3$			Hardness mg/L as $CaCO_3$		
Lab Sample #:	1	2	3	1	2	3	1	2	3	1	2	3
Sample:	N/A	@NM	NM	<0.03	<0.03	<0.03	109	162	141	—	—	—
Diluent/Control:				<0.03	<0.03	<0.03	141	141	141	—	—	—
Method:	—	—	—	Hach	Hach	Hach	Hach	Hach	Hach	Hach	Hach	Hach
Measured by:	—	—	—	SP	DD	DD	DN	DN	DN	—	—	—
Verified by:	MF	DN	DN	DN	DN	DN	MF	DN	DN	—	—	—

	Conductivity (circle one) umhos-cm		mmhos-cm	Ammonia mg/L			Salinity ‰		
Lab Sample#:	1	2	3	1	2	3	1	2 (A)	3
Sample:	40.4	40.4	39.5	<0.068	<0.068	<0.06	25.6	~~24.0~~ ~24.0	~25.4
Diluent/Control:	40.0	40.4	36.0	<0.068	<0.068	<0.068	~~25.2~~ ~24.2	~~22.7~~	
Method:	Mettler	Mettler	Mettler	Denver	Denver	Denver	Mettler	Mettler	Mettler
Measured by:	MF	DN	DN	DN	DN	DN	DN	DN	DN
Verified by:	DN	SP	SP/DN	MF	MF	SP	MF	SP	SP

conv. = conversion based on conductivity and temperature

(B) Sample 2 Salinity ~ 25.5 parts per thousand (ppth)
(E) Control Salinity ~ 22.7 ppth
Due to a measurement/conversion error, the salinity of the control water was incorrect calculated. Staff did not note the error until after the test with complete staff have since been trained to note any measurement (daily) discrepancies and report such to supervisor when noted. MF 10-13-04
All control water used throughout the test was from the initial batch. MF 10-13-04

Sample Received	LAB ID #	LIMS SAMPLE #	LIMS JOB #
Test Day 0	Sample: 1	770001	TLH 2004-07-27-28
Test Day 2	Sample: 2	770718	TLH 2004-07-29-47
Test Day 4	Sample: 3	771120	TLH 2004-07-30-56

Lab Sample #	Collection Date/Time	Received Date/Time
1	7/26/04 / 11:15	7/27/04 / 12:30
2	7/28/04 / 10:30	(B) 7/28/04 / 10:45 7/29/04
3	7/30/04 / 10:30	7/30/04 / 1422 (C)

Diluent / Control Batch #:	Days Used
NSW / MF	7

Investigators' signatures
Christa Greene
Marshall Faircloth
James Tench
Sarah Pritchard
Monica Nicholson

reviewer Nicki Willendorf

Comments:
Control water (NSW) diluted with well water to ~ 25‰.
(A) NM = Not measured DN. – field chlorine was not measured in any sample. MF 10-13-04
(B) incorrect received date recorded MF 10-13-04
(C) corrected Time entry – MF 10-13-04
NOEC for survival and growth = 100% sample
MF 11-15-04

revised 6/14/04 JF

Chronic Screening Test Survival Benchsheet

Facility: Gulf Power Lansing Smith

LIMS Sample Number: 770001
(for Lab Sample # 1)

State of Florida
Department of Environmental Protection
Biology Laboratory Chronic Screening Bioassay
***P. promelas* SOP TA07_09 *M. beryllina* SOP TA07_14**

Organism: *P. promelas* *M.beryllina* (circle one)

		TEST DAY							
Concentration	Replicate	0	1	2	3	4	5	6	7
Control	A	10	10	10	10	10	10	10	10
	B	10	10	10	10	10	10	10	10
	C	10	10	10	10	11	10	10	10
	D	10	10	10	10	10	10	9 im	9
100 %	A	10	10	10	10	10	10	10	10
sample	B	10	10	10	10	10	8 2D	8	8
concentration	C	10	10	10	10	10	10	10	10
	D	10	10	10	10	10	10	10	10
Control	A	10							
	B	10							
	C	10							
	D	10							
%	A	10							
sample	B	10							
concentration	C	10							
	D	10							
Loaded by: JD	Checked by:		JD	JD	MF	MF	MF	JD	JD
Verified by: MF									

Survival	%CV	PMSD
Control		

Survival	Table	Calculated	dF
T-test	1.9430	0.34655	MF 46 error.

Comments:

revised 6/24/04 MF

Test Page 2

Biology Laboratory Chronic Screening Bioassay Benchsheet
Parameters

P. promelas SOP TA-07_09 ~~*M. beryllina* SOP TA-07_14~~

Sample Source: Cliff Tower Lannon Smith
LIMS Sample #: 776001 (for Lab sample #1)
Start Date: 07/27/04 End Date: 08/03/04
Time: 1415 Time: 1400

Test Day				New Sample						Old Sample					
			Test	pH	Temp	DO	Cond (µmhos/cm) (mmhos/cm)	Salinity		Test	pH	Temp	DO	Cond (µmhos/cm) (mmhos/cm)	Salinity
↓		Conc.	Rep.	(su)	(°C)	(mg/L)		ppth		Rep.	(su)	(°C)	(mg/L)		ppth
Day 0	sample:	Control	A	8.3	25.3	6.8	40.0	25.6							
	1	100%	A	8.2	25.6	6.9	40.4	25.8							
	Measured by:			CAP	CAP	CAP	CAP	CAP							
	Recorded by:			CAP	CAP	CAP	CAP	CAP							
Day 1	sample:	Control	B	8.0	25.4	5.7	36.4 ~24.0			B	8.0	24.7	6.0	36.0	23.2
	1	100%	B	7.8	25.4	5.8	37.6 ~24.0			B	8.0	24.8	6.1	39.5	25.0
	Measured by:			DN	DN	DN	DN	DN			CAP	CAP	CAP	CAP	CAP
	Recorded by:			DN	DN	DN	DN	DN			CAP	CAP	CAP	CAP	CAP
Day 2	sample:	Control	C	7.6	24.4	5.1	36.9	24.0		C	8.0	24.8	6.2	36.1	~23.0
	2	100%	C	7.7	24.5	5.0	39.2	~25.5		C	7.9	24.9	6.2	39.6	~25.3
	Measured by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
Day 3	sample:	Control	D	7.8	24.5	6.3	31.0	22.7		D	8.1	24.7	7.1	35.3	~22.2
	2	100%	D	7.6	24.4	6.2	39.7	~25.4		D	7.8	24.7	7.2	39.3	~25.0
	Measured by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
Day 4	sample:	Control	A	7.6	24.0	4.1	DN 33 ~~25.7~~			>24 A		24.1	6.5	35.3	~22.3
	3	100%	A	7.5	24.0	4.1	38.9	~~38.9~~		~24 A		24.4	6.5	38.4	~24.7
	Measured by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
	Recorded by:			DN	DN	DN	DN	DN			DN	DN	DN	DN	DN
Day 5	sample:	Control	B	7.9	25.0	5.6	36.7	~~36.7~~		B	8.0	24.0	6.5	~~24.3~~	~~25.6~~
	3	100%	B	7.8	25.0	5.6	37.6	~~37.0~~		B	8.0	24.1	6.3	24.3 B	~24.7
	Measured by:			JD	JD	JD	JD	JD			JD	JD	JD	JD	JD
	Recorded by:			JD	JD	JD	JD	JD			JD	JD	JD	JD	JD
Day 6	sample:	Control	C	7.8	24.5	6.7	~~33.4~~ 33.9	25.1		C	7.9	24.1	6.3	33.9	21.7
	3	100%	C	8.1	~~24.7~~	6.7	JD 38.6	25.8		C	7.8	24.1	6.3	38.6	25.1
	Measured by:			DN	DN	DN	DN	DN			JD	JD	JD	JD	JD
	Recorded by:			JD	JD	JD	JD				JD	JD	JD	JD	JD
Day 7	sample:	Control								D	7.7	25.2	6.7	36.9	23.3
	3	100%								D	7.7	25.4	6.7	39.9	25.5
	Measured by:										JD	JD	JD	JD	JD
	Recorded by:										JD	JD	JD	JD	JD

Test Rep. = Replicate — Record Salinity < 1 if freshwater — Circle µmhos-cm or mmhos-cm

Comments: (A) Salinity @ Day 4, Rep A CTRL: ~22.2 ppth 7/31/04 DN
Rep A 100%: ~24.9 ppth.
7/31/04 all replicates aerated due to low DO in Controls - MF

(B) 24.3 (SD)

(A) 38.5 (cond) ctrl
39.7 (cond) 100%

(B) revised 6/24/04 mf
B ctrl: Cond 34.1
100%: 38.5

Day 5 old Sample Salinity
CTL = 21.9
100% = 85.0

(B) wrong spot.

Chronic Screening Test Weighing Benchsheet

Facility: Gulf Power Laboratory Smith

LIMS Sample Number: 77001

(for Lab Sample # 1)

State of Florida
Department of Environmental Protection
Biology Laboratory Chronic Screening Bioassay
***P. promelas* and *M. beryllina* Bench Sheet**
SOP TA06_21

Concentration	Replicate	Pan #	Pan wt. g	Pan + Fish g	Fish wt. g	Original # Fish	Mean wt. mg
			mean wt = fish wt divided by 10 convert g to mg: move decimal 3 places to right				
Control	A	45	0.02619	0.05293	0.02674	10	2.674
	B	46	0.02572	0.05091	0.02519	10	2.519
	C	47	0.02613	0.05732	0.03119	10	3.119
	D	48	0.02534	0.05100	0.02566	10	2.566
100 % sample	A	49	0.02545	0.04861	0.02316	10	2.316
	B	50	0.02532	0.04687	0.02155	10	2.155
	C	51	0.02398	0.05004	0.02606	10	2.606
	D	52	0.02600	0.05219	0.02619	10	2.619
Control	A					10	
	B					10	
	C					10	
	D					10	
% sample	A					10	
	B					10	
	C					10	
	D					10	
	Weighed by initials:		DN	DN			

Sample	%CV	PMSD
Control	10.1 %	12.7 %

Growth	Table	Calculated	dF
T-test	1.943 00	1.65924	6

Drying	
Temperature °C:	105
Hours:	6

Tare Weighing Date: 8/03/04	Final Weighing Date: 8/05/04		Measured Value		S-weight Value
Tare Pan 1 after Pan 5	0.02617 @ 0.02619	S-weights	0.01000	@	0.01000
Tare Pan 1 after Pan 8	0.02619 @ 0.02619	at tare	0.03997	@	0.04000
Final Pan 1 after Pan 5	0.05297 @ 0.05293	S-weights	0.01000	@	0.01000
Final Pan 1 after Pan 8	0.05298 @ 0.05293	at final	0.03995	@	0.04000

Comments:

revised 6/21/04 MF

Appendix 2. Chemical analyses performed on effluent D-001 from Lansing Smith Electric Generating Plant, sampled on July 26, 28, and 30, 2004.

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
7/26/2004 11:15	Eff. D-001 #1	Bio-AGP/LimNut	Algal Growth Potential	1.44	mg DryWt/L		0.1	0.3
7/26/2004 11:15	Eff. D-001 #1	Bio-Chl-a	Chlorophyll-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
7/26/2004 11:15	Eff. D-001 #1	Bio-Chl-a	Phaeophytin-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
7/26/2004 11:15	Eff. D-001 #1	Bio-Toxicology	Bioassay-Chronic-Scrn-SW-Fish, NOEC	100	NOEC			
7/26/2004 11:15	Eff. D-001 #1	Bio-Toxicology	Bioassay-Chronic-Scrn-SW-Mysid, NOEC	100	NOEC			
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	1,2,4-Trichlorobenzene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	1,2-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	1,3-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	1,4-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,4,6-Trichlorophenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,4-Dichlorophenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,4-Dimethylphenol	49	ug/L	U	49	190
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,4-Dinitrophenol	15	ug/L	UJ	15	58
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,4-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2,6-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2-Chloronaphthalene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2-Chlorophenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	2-Nitrophenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	3,3'-Dichlorobenzidine	39	ug/L	U	39	160
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4,4'-DDT	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4-Bromophenyl phenyl ether	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4-Chloro-3-methylphenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	4-Nitrophenol	15	ug/L	U	15	58
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Acenaphthene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Acenaphthylene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Aldrin	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Anthracene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzidine	97	ug/L	U	97	390
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzo(a)anthracene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzo(a)pyrene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzo(b)fluoranthene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzo(g,h,i)perylene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Benzo(k)fluoranthene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Bis(2-chloroethoxy)methane	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Bis(2-chloroethyl)ether	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	58
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Butyl benzyl phthalate	4.9	ug/L	U	4.9	19
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Chrysene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Di-n-butyl phthalate	4.9	ug/L	U	4.9	19
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Di-n-octyl phthalate	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Dibenzo(a,h)anthracene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Diethyl phthalate	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Dimethyl phthalate	49	ug/L	U	49	190
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Endosulfan I	3.9	ug/L	U	3.9	16
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Endosulfan II	3.9	ug/L	U	3.9	16
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Endrin	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Endrin aldehyde	3.9	ug/L	U	3.9	16
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Fluoranthene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Fluorene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	5.8

7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Hexachlorobenzene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	UJ	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Indeno(1,2,3-cd)pyrene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Isophorone	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Naphthalene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Phenanthrene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Phenol	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	Pyrene	0.97	ug/L	U	0.97	3.9
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.8
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.3
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Chlorpyrifos Methyl	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Ethion	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Ethoprop	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Fonofos	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Hexazinone	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Malathion	0.14	ug/L	U	0.14	0.57
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.94
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.9
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Metribuzin	0.094	ug/L	UJ	0.094	0.377
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Naled	0.75	ug/L	UJ	0.755	3.02
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Norflurazon	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.57
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Parathion Methyl	0.094	ug/L	U	0.094	0.38
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Phorate	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.57
7/26/2004 11:15	Eff. D-001 #1	GC-Water	Simazine	0.047	ug/L	U	0.047	0.19
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Aluminum	341	ug/L		10	40
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Arsenic	18	ug/L	U	18	72
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Calcium	306	mg/L		0.1	0.4
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Chromium	4	ug/L	U	4	16
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Copper	0.73	ug/L	I	0.25	1
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Iron	228	ug/L		20	80
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Lead	0.86	ug/L	I	0.5	2
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Magnesium	974	mg/L		0.5	2
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Nickel	6	ug/L	U	6	24
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Selenium	21	ug/L	U	21	84
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Silver	0.1	ug/L	U	0.1	0.4
7/26/2004 11:15	Eff. D-001 #1	Metals-Water	Zinc	9	ug/L	U	9	36
7/26/2004 11:15	Eff. D-001 #1	Nutrients-Liquid	Ammonia-N	0.26	mg N/L		0.01	0.02
7/26/2004 11:15	Eff. D-001 #1	Nutrients-Liquid	Kjeldahl Nitrogen	0.62	mg N/L		0.12	0.4
7/26/2004 11:15	Eff. D-001 #1	Nutrients-Liquid	NO2NO3-N	0.011	mg N/L		0.004	0.01

7/26/2004 11:15	Eff. D-001 #1	Nutrients-Liquid	O-Phosphate-P	0.006	mg P/L	I	0.004	0.01
7/26/2004 11:15	Eff. D-001 #1	Nutrients-Liquid	Total-P	0.022	mg P/L	I	0.02	0.06
7/26/2004 11:15	Eff. D-001 #1	Overflow	Oil and Grease	0.69	mg/l	U		
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	1,2,4-Trichlorobenzene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	1,2-Dichlorobenzene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	1,3-Dichlorobenzene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	1,4-Dichlorobenzene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,4,6-Trichlorophenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,4-Dichlorophenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,4-Dimethylphenol	50	ug/L	U	50	200
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	59
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,4-Dinitrotoluene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2,6-Dinitrotoluene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2-Chloronaphthalene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2-Chlorophenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2-Methyl-4,6-dinitrophenol	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	2-Nitrophenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	3,3'-Dichlorobenzidine	40	ug/L	U	40	160
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4,4'-DDT	1.5	ug/L	UJ	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4-Bromophenyl phenyl ether	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4-Chloro-3-methylphenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4-Chlorophenyl phenyl ether	2	ug/L	U	2	7.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	4-Nitrophenol	15	ug/L	U	15	59
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Acenaphthene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Acenaphthylene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Aldrin	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Anthracene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzidine	99	ug/L	U	99	400
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzo(a)anthracene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzo(a)pyrene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzo(b)fluoranthene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzo(g,h,i)perylene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Benzo(k)fluoranthene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Bis(2-chloroethoxy)methane	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Bis(2-chloroethyl)ether	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Bis(2-chloroisopropyl)ether	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	59
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Butyl benzyl phthalate	5	ug/L	U	5	20
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Chrysene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Di-n-butyl phthalate	5	ug/L	U	5	20
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Di-n-octyl phthalate	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Dibenzo(a,h)anthracene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Diethyl phthalate	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Dimethyl phthalate	50	ug/L	U	50	200
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Endosulfan I	4	ug/L	U	4	16
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Endosulfan II	4	ug/L	U	4	16
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Endrin	1.5	ug/L	UJ	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Endrin aldehyde	4	ug/L	U	4	16
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Fluoranthene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Fluorene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Hexachlorobenzene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Hexachlorobutadiene	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Hexachlorocyclopentadiene	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Hexachloroethane	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Indeno(1,2,3-cd)pyrene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Isophorone	0.99	ug/L	U	0.99	4

7/28/2004 10:30	Eff. D-001 #2	BNA-Water	N-Nitrosodi-n-propylamine	2	ug/L	U	2	7.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	N-Nitrosodimethylamine	2	ug/L	U	2	7.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	N-Nitrosodiphenylamine	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Naphthalene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Nitrobenzene	2	ug/L	U	2	7.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Pentachlorophenol	3	ug/L	U	3	12
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Phenanthrene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Phenol	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	Pyrene	0.99	ug/L	U	0.99	4
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.9
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Alachlor	0.57	ug/L	U	0.57	2.3
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Atrazine	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Chlorpyrifos Methyl	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Diazinon	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Ethion	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Ethoprop	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Fonofos	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Hexazinone	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Malathion	0.14	ug/L	U	0.14	0.57
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.95
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.9
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Metribuzin	0.095	ug/L	UJ	0.0952	0.381
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.76
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Naled	0.76	ug/L	UJ	0.7619	3.05
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Norflurazon	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.57
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Parathion Methyl	0.095	ug/L	U	0.095	0.38
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Phorate	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.57
7/28/2004 10:30	Eff. D-001 #2	GC-Water	Simazine	0.048	ug/L	U	0.048	0.19
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Aluminum	225	ug/L		15	60
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Arsenic	18	ug/L	U	18	72
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Calcium	319	mg/L		0.15	0.6
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Chromium	6	ug/L	U	6	24
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Copper	0.59	ug/L	I	0.25	1
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Iron	170	ug/L		30	120
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Lead	0.5	ug/L	U	0.5	2
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Magnesium	992	mg/L		0.4	1.6
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Nickel	6	ug/L	U	6	24
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Selenium	21	ug/L	U	21	84
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Silver	0.1	ug/L	U	0.1	0.4
7/28/2004 10:30	Eff. D-001 #2	Metals-Water	Zinc	12	ug/L	U	12	48
7/28/2004 10:30	Eff. D-001 #2	Nutrients-Liquid	Ammonia-N	0.094	mg N/L		0.01	0.02
7/28/2004 10:30	Eff. D-001 #2	Nutrients-Liquid	Kjeldahl Nitrogen	0.46	mg N/L		0.06	0.2
7/28/2004 10:30	Eff. D-001 #2	Nutrients-Liquid	NO2NO3-N	0.24	mg N/L		0.004	0.01
7/28/2004 10:30	Eff. D-001 #2	Nutrients-Liquid	Total-P	0.065	mg P/L		0.02	0.06
7/28/2004 10:30	Eff. D-001 #2	Overflow	Oil and Grease	0.69	mg/l	U		
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	1,2,4-Trichlorobenzene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	1,2-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	1,3-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	1,4-Dichlorobenzene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,4,6-Trichlorophenol	0.94	ug/L	U	0.94	3.8

7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,4-Dichlorophenol	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,4-Dimethylphenol	47	ug/L	U	47	190
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	57
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,4-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2,6-Dinitrotoluene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2-Chloronaphthalene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2-Chlorophenol	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2-Methyl-4,6-dinitrophenol	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	2-Nitrophenol	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4,4'-DDT	1.4	ug/L	UJ	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4-Bromophenyl phenyl ether	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4-Chloro-3-methylphenol	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.5
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Acenaphthene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Acenaphthylene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Anthracene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzidine	94	ug/L	U	94	380
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzo(a)anthracene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzo(a)pyrene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzo(b)fluoranthene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzo(g,h,i)perylene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Benzo(k)fluoranthene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Bis(2-chloroethoxy)methane	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Bis(2-chloroethyl)ether	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Bis(2-chloroisopropyl)ether	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Butyl benzyl phthalate	4.7	ug/L	U	4.7	19
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Chrysene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Di-n-butyl phthalate	4.7	ug/L	U	4.7	19
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Di-n-octyl phthalate	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Dibenzo(a,h)anthracene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Diethyl phthalate	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Dimethyl phthalate	47	ug/L	U	47	190
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Endrin	1.4	ug/L	UJ	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Fluoranthene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Fluorene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Hexachlorobenzene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Hexachlorobutadiene	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Hexachlorocyclopentadiene	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Hexachloroethane	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Indeno(1,2,3-cd)pyrene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Isophorone	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.5
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.5
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	N-Nitrosodiphenylamine	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Naphthalene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.5
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Pentachlorophenol	2.8	ug/L	U	2.8	11
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Phenanthrene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Phenol	0.94	ug/L	U	0.94	3.8

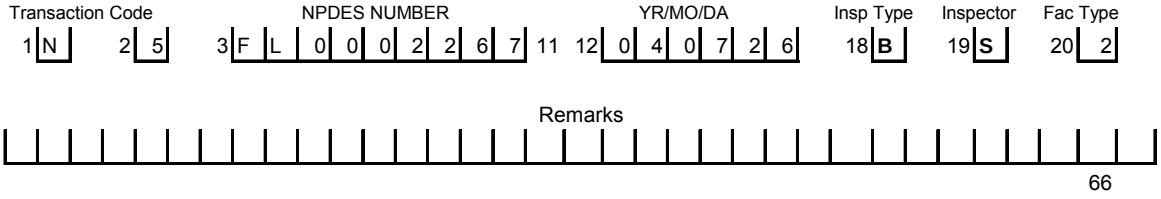
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	Pyrene	0.94	ug/L	U	0.94	3.8
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Alachlor	0.56	ug/L	U	0.56	2.2
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Ametryn	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Atrazine	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Azinphos Methyl	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.75
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Butylate	0.19	ug/L	U	0.19	0.75
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Chlorpyrifos Ethyl	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Chlorpyrifos Methyl	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Diazinon	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Ethion	0.047	ug/L	UJ	0.0467	0.187
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Ethoprop	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.75
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Fonofos	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Hexazinone	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Malathion	0.14	ug/L	UJ	0.1402	0.561
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Metalaxyl	0.23	ug/L	U	0.23	0.94
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Metolachlor	0.47	ug/L	U	0.47	1.9
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Metribuzin	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Mevinphos	0.19	ug/L	UJ	0.1869	0.748
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Naled	0.75	ug/L	UJ	0.7477	2.99
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Norflurazon	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Parathion Methyl	0.093	ug/L	U	0.093	0.37
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Phorate	0.047	ug/L	UJ	0.0467	0.187
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
7/30/2004 10:30	Eff. D-001 #3	GC-Water	Simazine	0.047	ug/L	U	0.047	0.19
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Aluminum	123	ug/L		15	60
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Arsenic	18	ug/L	U	18	72
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Cadmium	0.25	ug/L	U	0.25	1
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Calcium	320	mg/L		0.15	0.6
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Chromium	6	ug/L	U	6	24
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Copper	0.6	ug/L	I	0.25	1
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Iron	110	ug/L	I	30	120
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Lead	0.5	ug/L	U	0.5	2
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Magnesium	972	mg/L		0.4	1.6
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Nickel	6	ug/L	U	6	24
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Selenium	5	ug/L	U	5	20
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Silver	0.1	ug/L	U	0.1	0.4
7/30/2004 10:30	Eff. D-001 #3	Metals-Water	Zinc	9	ug/L	U	9	36
7/30/2004 10:30	Eff. D-001 #3	Nutrients-Liquid	Ammonia-N	0.081	mg N/L		0.01	0.02
7/30/2004 10:30	Eff. D-001 #3	Nutrients-Liquid	Kjeldahl Nitrogen	0.41	mg N/L	A	0.12	0.4
7/30/2004 10:30	Eff. D-001 #3	Nutrients-Liquid	NO2NO3-N	0.006	mg N/L	I	0.004	0.01
7/30/2004 10:30	Eff. D-001 #3	Nutrients-Liquid	Total-P	0.032	mg P/L	I	0.02	0.06
7/30/2004 10:30	Eff. D-001 #3	Overflow	Oil and Grease	0.69	mg/l	U		
7/26/2004 6:30	BLANKS	BNA-Water	1,2,4-Trichlorobenzene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	1,2-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	1,3-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	1,4-Dichlorobenzene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2,4,6-Trichlorophenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2,4-Dichlorophenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
7/26/2004 6:30	BLANKS	BNA-Water	2,4-Dinitrophenol	14	ug/L	UJ	14	57
7/26/2004 6:30	BLANKS	BNA-Water	2,4-Dinitrotoluene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2,6-Dinitrotoluene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2-Chloronaphthalene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2-Chlorophenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	11

7/26/2004 6:30	BLANKS	BNA-Water	2-Nitrophenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
7/26/2004 6:30	BLANKS	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	4-Bromophenyl phenyl ether	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	4-Chloro-3-methylphenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.6
7/26/2004 6:30	BLANKS	BNA-Water	4-Nitrophenol	14	ug/L	U	14	57
7/26/2004 6:30	BLANKS	BNA-Water	Acenaphthene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Acenaphthylene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Anthracene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Benzidine	95	ug/L	U	95	380
7/26/2004 6:30	BLANKS	BNA-Water	Benzo(a)anthracene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Benzo(a)pyrene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Benzo(b)fluoranthene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Benzo(g,h,i)perylene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Benzo(k)fluoranthene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Bis(2-chloroethoxy)methane	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Bis(2-chloroethyl)ether	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Bis(2-ethylhexyl)phthalate	14	ug/L	U	14	57
7/26/2004 6:30	BLANKS	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
7/26/2004 6:30	BLANKS	BNA-Water	Chrysene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
7/26/2004 6:30	BLANKS	BNA-Water	Di-n-octyl phthalate	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Dibenzo(a,h)anthracene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Diethyl phthalate	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
7/26/2004 6:30	BLANKS	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
7/26/2004 6:30	BLANKS	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
7/26/2004 6:30	BLANKS	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
7/26/2004 6:30	BLANKS	BNA-Water	Fluoranthene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Fluorene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	Hexachlorobenzene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	UJ	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Indeno(1,2,3-cd)pyrene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Isophorone	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.6
7/26/2004 6:30	BLANKS	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.6
7/26/2004 6:30	BLANKS	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Naphthalene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.6
7/26/2004 6:30	BLANKS	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	11
7/26/2004 6:30	BLANKS	BNA-Water	Phenanthrene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Phenol	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	Pyrene	0.95	ug/L	U	0.95	3.8
7/26/2004 6:30	BLANKS	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.7
7/26/2004 6:30	BLANKS	GC-Water	Alachlor	0.58	ug/L	U	0.58	2.3
7/26/2004 6:30	BLANKS	GC-Water	Ametryn	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Atrazine	0.049	ug/L	U	0.049	0.19

7/26/2004 6:30	BLANKS	GC-Water	Azinphos Methyl	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.78
7/26/2004 6:30	BLANKS	GC-Water	Butylate	0.19	ug/L	U	0.19	0.78
7/26/2004 6:30	BLANKS	GC-Water	Chlorpyrifos Ethyl	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Chlorpyrifos Methyl	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Diazinon	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Ethion	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Ethoprop	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.78
7/26/2004 6:30	BLANKS	GC-Water	Fonofos	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Hexazinone	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Malathion	0.15	ug/L	U	0.15	0.58
7/26/2004 6:30	BLANKS	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.97
7/26/2004 6:30	BLANKS	GC-Water	Metolachlor	0.49	ug/L	U	0.49	1.9
7/26/2004 6:30	BLANKS	GC-Water	Metribuzin	0.097	ug/L	UJ	0.0971	0.388
7/26/2004 6:30	BLANKS	GC-Water	Mevinphos	0.19	ug/L	U	0.19	0.78
7/26/2004 6:30	BLANKS	GC-Water	Naled	0.78	ug/L	UJ	0.7767	3.11
7/26/2004 6:30	BLANKS	GC-Water	Norflurazon	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.58
7/26/2004 6:30	BLANKS	GC-Water	Parathion Methyl	0.097	ug/L	U	0.097	0.39
7/26/2004 6:30	BLANKS	GC-Water	Phorate	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.58
7/26/2004 6:30	BLANKS	GC-Water	Simazine	0.049	ug/L	U	0.049	0.19
7/26/2004 6:30	BLANKS	Metals-Water	Aluminum	16	ug/L	U	16	64
7/26/2004 6:30	BLANKS	Metals-Water	Arsenic	6	ug/L	U	6	24
7/26/2004 6:30	BLANKS	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
7/26/2004 6:30	BLANKS	Metals-Water	Calcium	0.19	mg/L	U	0.19	0.76
7/26/2004 6:30	BLANKS	Metals-Water	Chromium	2	ug/L	U	2	8
7/26/2004 6:30	BLANKS	Metals-Water	Copper	0.25	ug/L	U	0.25	1
7/26/2004 6:30	BLANKS	Metals-Water	Iron	10	ug/L	U	10	40
7/26/2004 6:30	BLANKS	Metals-Water	Lead	0.29	ug/L	U	0.29	1.2
7/26/2004 6:30	BLANKS	Metals-Water	Magnesium	0.02	mg/L	U	0.02	0.08
7/26/2004 6:30	BLANKS	Metals-Water	Nickel	2	ug/L	U	2	8
7/26/2004 6:30	BLANKS	Metals-Water	Selenium	7	ug/L	U	7	28
7/26/2004 6:30	BLANKS	Metals-Water	Silver	0.01	ug/L	U	0.01	0.04
7/26/2004 6:30	BLANKS	Metals-Water	Zinc	3	ug/L	U	3	12
7/26/2004 6:30	BLANKS	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
7/26/2004 6:30	BLANKS	Nutrients-Liquid	Kjeldahl Nitrogen	0.06	mg N/L	U	0.06	0.2
7/26/2004 6:30	BLANKS	Nutrients-Liquid	NO2NO3-N	0.015	mg N/L		0.004	0.01
7/26/2004 6:30	BLANKS	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
7/26/2004 6:30	BLANKS	Nutrients-Liquid	Total-P	0.02	mg P/L	U	0.02	0.06
7/26/2004 6:30	BLANKS	Overflow	Oil and Grease	0.69	mg/l	U		

The Bioassay of Lansing Smith Electric Generating Plant effluent sampled on July 26, 28, and 30, 2004, NPDES #FL0002267.

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



The Priority Pollutants Analysis for Bioassay of Lansing Smith Electric Generating Plant effluent sampled on July 26, 28, and 30, 2004, NPDES #FL0002267.

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

