

Bioassays of

Broward County North Regional WWTP

Broward County

NPDES #FL0031771

Sampled April 14 and 15, 2003

February 2004

Biology Section
Bureau of Laboratories
Division of Resource Assessment and Management

Quality Manual No. 870346G
NELAC Certification No. E31780

Broward County North Regional Wastewater Treatment Plant, 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES #FL0031771, tests performed on 15 to 19 April 2003.

Introduction

This activated-sludge secondary domestic wastewater treatment plant has a design flow of 84.0 MGD and an average daily flow of 71.24 MGD (January – December, 2001). Treatment at this facility consists of influent cleaning bar screens, odor control, grit removal, aeration, clarification, solids processing, anaerobic digestion, and chlorination before discharge into the Class III marine waters of the Atlantic Ocean. A mixing zone exists for pH for approximately 2,656 square meters (facility information provided by Hubert Philoctete, FDEP, West Palm Beach).

Methods

Samples were collected by Terry Davis following DEP-SOP-001/01 FS 2400 Wastewater Sampling. Per the NPDES permit for this facility, four separate grab samples were collected at evenly spaced (6-hour) intervals over a 24-hour period. The sample holding time of 36 hours began when the collection of the last sample was completed.

All DEP SOP's are available on the web at: http://www.floridadep.org/labs/qa/sops.htm

The toxicity tests discussed in this report were performed following internal DEP SOP's TA07_03 and TA07_04. All internal DEP SOP's are available on the web at: http://www.floridadep.org/labs/cgi-bin/sop/biosop.asp.

Testing was performed using 30% sample effluent as stated in the permit for this facility. The sample was salt adjusted to ~24ppt using hypersaline brine.

Toxicity Test Results

Sample 1

Americamysis bahia 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Menidia beryllina 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Sample 2

Americamysis bahia 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Menidia beryllina 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Sample 3

Americamysis bahia 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Menidia beryllina 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

Sample 4

Americamysis bahia 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 5% mortality in 100% sample at 96 hours

Menidia beryllina 96-hr acute screening bioassay – Not Toxic, LC_{50} > 100%, 0% mortality in 100% sample at 96 hours

See Tables 1a-4b for bioassay bench sheets.

Chemistry Results

Total residual chlorine and total ammonia were detected in the bioassay samples in the laboratory at the following concentrations:

Sample 1 - total residual chlorine-0.04 mg/L; total ammonia-17.8 mg/L; unionized ammonia-0.901 mg/L
Sample 2 - total residual chlorine-0.04 mg/L; total ammonia-14.4 mg/L; unionized ammonia-0.739 mg/L
Sample 3 - total residual chlorine-0.08 mg/L; total ammonia-14.4 mg/L; unionized ammonia-0.780 mg/L
Sample 4 - total residual chlorine-0.07 mg/L; total ammonia-15.7 mg/L; unionized ammonia-0.861 mg/L

See Table 5 for chemicals detected in the analytical chemistry samples.
See Table 6 for a complete list of chemical analyses performed.

Algal Growth Potential

The effluent algal growth potential test was set up with the freshwater unicellular green alga *Pseudokirchneriella subcapitata*, formerly known as *Selenastrum capricornutum*. The AGP result was 310 mg dry wt/L, indicating the effluent contained high concentrations of biologically available nutrients.

Conclusion

The effluent samples collected from this facility on April 13 and 14, 2003, did not show acute toxicity to either test species during the 96-hour bioassay tests. The effluent AGP value indicated the effluent contained high concentrations of biologically available nutrients.

Literature Cited

Raschke, R. L. and D. A. Schultz. 1987. The use of the algal growth potential test for data assessment. J. Wat. Poll. Cont. Fed. 59(4): 222-227.

Table 1a. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #1), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#1)**	**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda		
Location:	2401 North Powerline Road, Pompano Beach	Contact/District:	Davis/SE				Joshua Ayres		
County:	Broward	Test type:	acute screen renewal				James Daniels		
Sample Collection Date:	4/13/2003 Time: 1230	# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth		
Test Beginning Date:	4/15/2003 Time: 1430	Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini		
Test Ending Date:	4/19/2003 Time: 1300	FDEP SOP#:	TA07_03		**Page 1 of 2**	**Reviewer:**	Rob Buda		

Organism: ***Americamysis bahia*** Life stage: 4 days [A]Feeding: artemia
0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hr	24 hr	48 hr	0 hr	24 hr	48 hr	0 hr	24 hr	48 hr	0 hour	48 hour
Control A	0/500	5	5	5	7.9	7.8	7.8	25.0	24.2	23.9	6.4	5.6	5.2	36.9	36.9
Control B	0/500	5	5	5	7.9	7.9	7.8	25.0	24.4	23.8	6.5	5.7	5.3	37.1	37.3
Control C	0/500	5	5	5	7.9	7.9	7.8	25.0	24.5	23.8	6.5	5.4	5.1	37.2	37.5
Control D	0/500	5	5	5	7.9	7.8	7.8	25.1	24.8	23.7	6.5	5.5	5.0	37.5	37.6
30% A	150/350	5	5	5	7.9	7.8	7.7	24.5	24.7	23.7	6.6	5.2	5.1	37.3	37.8
30% B	150/350	5	5	5	7.9	7.8	7.7	24.5	24.6	23.6	6.6	5.1	5.0	37.4	37.7
30% C	150/350	5	5	5	7.9	7.8	7.7	24.5	24.2	23.7	6.7	5.0	4.7	37.2	38.1
30% D	150/350	5	5	5	7.9	7.8	7.7	24.4	24.3	24.0	6.7	5.0	4.7	37.2	38.0

[A] Organisms were fed daily.

[B] Temperatures of room and test incubator were continuously recorded on a strip chart rec
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-01
sample number:	666439

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.04	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	17.8	0.901

Organism: ***Americamysis bahia*** Conductivity
48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen[C]			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hr	72 hr	96 hr	48 hr	72 hr	96 hr	48 hr	72 hr	96 hr	48 hour	96 hour
Control A	0/500	5	5	5	7.9	7.7	8.0	23.2	25.4	25.0	6.8	4.5	6.7	34.5	39.1
Control B	0/500	5	5	5	7.9	7.7	8.0	23.0	25.2	25.0	6.8	4.7	6.5	35.2	39.0
Control C	0/500	5	5	5	7.9	7.7	7.9	23.0	25.1	25.0	6.7	4.1	6.5	35.5	39.0
Control D	0/500	5	5	5	7.9	7.7	7.9	23.0	24.8	25.0	6.7	4.2	6.5	35.2	39.0
30% A	150/350	5	5	5	7.8	7.6	7.8	23.0	25.4	25.0	6.7	4.0	6.0	35.8	39.5
30% B	150/350	5	5	5	7.8	7.6	7.9	23.0	25.1	25.0	6.7	3.6	5.9	36.3	39.6
30% C	150/350	5	5	5	7.8	7.6	7.8	23.0	25.1	25.0	6.6	3.6	6.0	35.7	40.3
30% D	150/350	5	5	5	7.8	7.6	7.9	23.0	24.9	25.0	6.7	3.7	6.5	36.4	40.6

[C] Test was aerated at 72 hours to keep D.O. above 4.0mg/L.

[D] Test was moved to water bath at 72 hours.
Temperature of water bath was 25.0-25.2°C.

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	72	185

Salinity [E,F]	ppt
Mysid control:	24
100% sample:	<1

[E] Salinity based on conductivity and temperature.

[F] Sample was salted using hypersaline brine to ~24ppt.

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

Table 1b. Concluded

Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #1), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#1)**	**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach	Contact/District:	Davis/SE				Joshua Ayres
County:	Broward	Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/13/2003 Time: 1230	# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003 Time: 1500	Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003 Time: 1300	FDEP SOP#:	TA07_04		**Page 2 of 2**	**Reviewer:**	Rob Buda

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

0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	8.0	8.0	25.5	25.3	23.4	6.6	6.1	5.8	38.2	38.8
Control B	0/500	5	5	5	8.0	8.0	8.0	25.5	24.8	23.6	6.5	5.9	5.9	38.3	38.1
Control C	0/500	5	5	5	8.0	8.0	8.0	25.4	24.9	23.6	6.6	6.0	6.0	38.3	37.8
Control D	0/500	5	5	5	8.0	8.0	8.0	25.5	24.8	23.4	6.7	5.9	6.0	38.3	37.6
30% A	150/350	5	5	5	7.9	8.0	7.9	25.3	25.2	23.2	6.8	6.0	6.1	38.1	38.0
30% B	150/350	5	5	5	7.9	8.0	7.9	25.1	25.0	23.4	6.7	6.0	6.0	38.1	37.8
30% C	150/350	5	5	5	7.9	8.0	7.9	25.2	24.6	23.6	6.9	5.9	5.9	38.1	37.8
30% D	150/350	5	5	5	7.9	8.0	7.9	25.2	25.0	23.9	6.8	5.9	5.7	38.1	38.6

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

[B] Temperatures of room and test incubator were continuously recorded on a strip chart rec
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

Organism: ***Menidia Beryllina*** Conductivity Uncorrected mmhos/cm

48-96 hours (after renewal)

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen				
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hou	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	8.0	8.0	23.3	23.9	24.5	6.4	5.9	6.1	34.9	38.0
Control B	0/500	5	5	5	7.9	8.0	8.0	23.2	23.7	24.6	6.4	5.9	6.2	35.1	38.4
Control C	0/500	5	5	5	7.9	8.0	8.0	23.3	24.0	24.5	6.6	6.0	6.3	36.0	38.4
Control D	0/500	5	5	5	7.9	8.0	8.0	23.3	24.3	24.3	6.6	6.0	6.2	35.7	38.4
30% A	150/350	5	5	5	7.9	7.9	7.9	23.2	24.1	24.1	6.7	6.1	6.1	36.6	40.1
30% B	150/350	5	5	5	7.9	7.9	7.9	23.3	24.4	23.9	6.7	6.0	5.9	37.1	39.4
30% C	150/350	5	5	5	7.9	7.9	7.9	23.4	23.7	24.3	6.7	5.7	5.9	37.1	40.3
30% D	150/350	5	5	5	7.9	7.9	7.9	23.3	23.8	24.6	6.6	5.6	5.9	37.2	40.0

LIMS	
Job number:	TLH-2003-04-15-02-01
sample number:	666439

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	**mg/L**	**Method**
Field:	1.1	-
Lab:	0.04	Hach

Ammonia	**Total (mg/L)**	**Unionized (mg/L)**
Control water:	<0.017	<0.017
100% Sample:	17.8	0.901

Alk & Hardness	**Alkalinity (mg/L)**	**Hardness (mg/L)**
Control water:	141	-
100% Sample:	72	185

Salinity [C, D]	**ppt**
Menidia control:	24
100% sample:	<1

[C] Salinity based on conductivity and temperature.

[D] Sample was salted using hypersaline brine to ~24ppt.

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

Table 2a. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #2), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#2)**		**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach		Contact/District:	Davis/SE				Joshua Ayres
County:	Broward		Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/13/2003 Time: 1830		# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003 Time: 1430		Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003 Time: 1300		FDEP SOP#:	TA07_03		**Page 1 of 2**	**Reviewer:**	Rob Buda

Organism: ***Americamysis bahia*** Life stage: 4 days [A]Feeding: artemia

0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	7.9	7.8	24.9	24.2	23.2	6.7	5.4	5.4	37.4	36.7
Control B	0/500	5	5	5	8.0	7.9	7.8	25.0	23.8	23.1	6.7	5.5	5.4	37.4	37.4
Control C	0/500	5	5	5	8.0	7.8	7.8	25.0	23.9	23.2	6.6	5.5	5.6	37.3	37.3
Control D	0/500	5	5	5	8.0	7.9	7.8	24.7	24.0	23.3	6.6	5.6	5.7	37.5	36.4
30% A	150/350	5	5	5	7.9	7.9	7.8	24.7	24.0	23.6	6.6	5.4	5.5	37.3	37.4
30% B	150/350	5	5	5	7.9	7.9	7.8	24.7	24.0	23.6	6.6	5.4	5.4	37.3	37.6
30% C	150/350	5	5	5	7.9	7.9	7.8	24.7	23.9	23.3	6.6	5.4	5.2	37.3	37.0
30% D	150/350	5	5	5	7.9	7.8	7.8	24.6	24.0	23.3	6.5	5.3	5.1	37.3	37.0

A Organisms were fed daily.

B Temperatures of room and test incubator were continuously recorded on a strip chart recorder.

Room Temperature range for the test period was 25.0-27.0°C.

Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-02
sample number:	666440

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.04	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	14.4	0.739

Organism: ***Americamysis bahia*** Conductivity

48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen[C]			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	7.8	7.9	23.1	24.1	25.1	6.7	4.3	6.2	35.7	38.9
Control B	0/500	5	5	5	7.9	7.8	7.9	23.0	23.9	25.0	6.7	4.4	6.1	35.7	39.2
Control C	0/500	5	5	5	7.9	7.8	8.0	23.0	23.8	25.0	6.7	5.1	6.5	35.8	38.9
Control D	0/500	5	5	5	7.9	7.8	7.9	23.0	24.0	25.0	6.7	4.8	6.4	35.9	38.5
30% A	150/350	5	5	5	7.8	7.7	8.0	23.3	23.6	25.0	6.7	4.5	6.2	31.9	34.0
30% B	150/350	5	5	5	7.8	7.6	8.0	23.2	23.6	24.9	6.7	4.5	6.3	35.0	37.5
30% C	150/350	5	5	5	7.8	7.6	8.1	23.0	23.7	24.9	6.6	4.1	6.4	35.5	39.5
30% D	150/350	5	5	5	7.8	7.6	7.9	23.0	23.7	24.9	6.6	3.9	6.1	36.4	40.2

C Test was aerated at 72 hours to keep D.O. above 4.0mg/L.

D Test was moved to water bath at 72 hours.

Temperature of water bath was 25.0-25.2°C.

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	76	195

Salinity [E,F]	ppt
Mysid control:	24
100% sample:	<1

[E] Salinity based on conductivity and temperature.

[F] Sample was salted using hypersaline brine to ~24ppt.

Light Intensity during the test was 50-100 foot candles.

Photoperiod during the test was 16 hours of light : 8 hours of dark.

Table 2b. Concluded

Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #2), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#2)**		**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach		Contact/District:	Davis/SE				Joshua Ayres
County:	Broward		Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/13/2003 Time: 1830		# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003 Time: 1500		Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003 Time: 1300		FDEP SOP#:	TA07_04		**Page 2 of 2**	**Reviewer:**	Rob Buda

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

0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	8.0	7.9	25.5	24.3	23.9	7.2	6.3	6.0	37.6	38.7
Control B	0/500	5	5	5	8.0	8.0	7.9	25.5	24.0	23.6	6.8	6.1	6.0	37.8	37.6
Control C	0/500	5	5	5	8.0	8.0	7.9	25.5	24.2	23.4	6.7	6.0	5.8	37.8	37.4
Control D	0/500	5	5	5	8.0	8.0	7.9	25.6	24.1	23.2	6.6	6.0	5.7	38.1	38.4
30% A	150/350	5	5	5	7.9	7.9	7.8	25.2	24.3	23.8	6.7	6.0	5.7	37.4	38.0
30% B	150/350	5	5	5	7.9	7.9	7.8	25.3	24.1	23.5	6.6	6.1	5.7	37.8	37.4
30% C	150/350	5	5	5	7.9	7.9	7.8	25.2	24.1	23.3	6.5	6.0	5.6	38.1	37.4
30% D	150/350	5	5	5	7.9	7.9	7.8	25.3	24.2	23.2	6.5	5.9	5.5	37.9	37.4

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

[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-02
sample number:	666440

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.04	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	14.4	0.739

Organism: ***Menidia Beryllina*** Conductivity Uncorrected

48-96 hours (after renewal)

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	8.0	8.0	23.9	25.0	23.9	6.7	6.1	6.2	36.3	39.1
Control B	0/500	5	5	5	7.9	8.0	8.0	23.9	24.4	23.9	6.7	6.0	6.2	36.6	38.2
Control C	0/500	5	5	5	7.9	8.0	8.0	23.9	24.6	23.5	6.7	5.9	6.1	36.6	38.1
Control D	0/500	5	5	5	7.9	8.0	8.0	23.8	24.5	23.6	6.7	5.8	6.2	36.6	38.6
30% A	150/350	5	5	5	7.9	7.9	8.0	23.7	24.6	23.9	6.6	5.8	6.1	38.1	40.0
30% B	150/350	5	5	5	7.9	7.9	8.0	23.7	24.7	23.5	6.6	5.8	6.2	38.1	40.8
30% C	150/350	5	5	5	7.9	7.9	7.9	23.7	24.7	23.9	6.6	5.3	6.1	38.0	40.5
30% D	150/350	5	5	5	7.9	7.9	7.9	23.8	24.4	23.7	6.7	5.4	6.0	38.6	38.2

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	76	195

Salinity [C, D]	ppt
Menidia control:	24
100% sample:	<1

[C] Salinity based on conductivity and temperature.

[D] Sample was salted using hypersaline brine to ~24ppt.

Light Intensity during the test was 50-100 foot candles.

Photoperiod during the test was 16 hours of light : 8 hours of dark.

Table 3a. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #3), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#3)**	**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach	Contact/District:	Davis/SE				Joshua Ayres
County:	Broward	Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/14/2003 Time: 0030	# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003 Time: 1430	Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003 Time: 1300	FDEP SOP#:	TA07_03		**Page 1 of 2**	**Reviewer:**	Rob Buda

Organism: ***Americamysis bahia*** Life stage: 4 days [A]Feeding: artemia
0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	7.9	7.8	25.5	24.1	23.3	6.8	6.3	5.8	37.7	37.0
Control B	0/500	5	5	5	8.0	7.9	7.8	25.5	24.1	23.4	6.7	6.1	5.7	37.7	37.4
Control C	0/500	5	5	5	8.0	7.9	7.8	25.4	24.0	23.2	6.6	5.7	5.6	37.9	38.5
Control D	0/500	5	5	5	8.0	7.9	7.8	25.5	24.1	23.3	6.7	5.7	5.5	37.9	38.7
30% A	150/350	5	5	5	7.9	7.9	7.8	25.5	24.1	23.1	6.8	5.8	5.5	37.4	37.5
30% B	150/350	5	5	5	7.9	7.9	7.8	25.5	23.8	23.1	6.7	5.6	5.5	37.6	37.8
30% C	150/350	5	5	5	7.9	7.9	7.8	25.5	24.0	23.2	6.6	5.6	5.6	38.0	35.8
30% D	150/350	5	5	5	7.9	7.8	7.8	25.5	24.1	23.3	6.7	5.5	5.6	37.9	38.1

A Organisms were fed daily.

B Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-03
sample number:	666441

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	**mg/L**	**Method**
Field:	1.1	-
Lab:	0.08	Hach

Ammonia	**Total (mg/L)**	**Unionized (mg/L)**
Control water:	<0.017	<0.017
100% Sample:	14.4	0.780

Organism: ***Americamysis bahia*** Conductivity
48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen[C]			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	7.7	8.0	23.9	24.1	25.0	6.7	5.2	6.2	35.5	39.1
Control B	0/500	5	5	5	7.9	7.7	8.0	24.1	24.0	25.0	6.7	5.0	6.1	36.4	38.9
Control C	0/500	5	5	5	7.9	7.7	7.9	24.1	24.0	25.0	6.6	4.7	5.9	36.4	38.9
Control D	0/500	5	5	5	7.9	7.7	8.0	24.2	24.0	25.0	6.6	4.4	6.1	36.6	39.1
30% A	150/350	5	5	5	7.9	7.7	8.0	24.2	24.2	25.0	6.6	4.2	6.3	36.1	38.8
30% B	150/350	5	4	4	7.9	7.7	7.8	24.3	23.8	25.0	6.6	4.2	6.1	36.8	39.2
30% C	150/350	5	5	5	7.9	7.7	7.9	24.4	24.1	25.1	6.7	4.2	5.9	37.0	39.7
30% D	150/350	5	5	5	7.9	7.7	7.7	24.5	23.7	25.1	6.6	4.0	6.0	37.6	39.8

C Test was aerated at 72 hours to keep D.O. above 4.0mg/L.
D Test was moved to water bath at 72 hours.
Temperature of water bath was 25.0-25.2°C.

Alk & Hardness	**Alkalinity (mg/L)**	**Hardness (mg/L)**
Control water:	141	-
100% Sample:	80	200

Salinity [E,F]	**ppt**
Mysid control:	24
100% sample:	<1

[E] Salinity based on conductivity and temperature.
[F] Sample was salted using hypersaline brine to ~24ppt.
Light Intensity during the test was 50-100 foot candles.
Photoperiod during the test was 16 hours of light : 8 hours of dark.

Table 3b. Concluded

Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #3), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#3)**		**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach		Contact/District:	Davis/SE				Joshua Ayres
County:	Broward		Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/14/2003	Time: 0030	# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003	Time: 1500	Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003	Time: 1300	FDEP SOP#:	TA07_04		**Page 2 of 2**	**Reviewer:**	Rob Buda

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

0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	8.0	7.9	25.5	24.4	23.6	6.5	5.9	5.6	38.0	38.1
Control B	0/500	5	5	5	8.0	8.0	7.9	25.4	24.1	23.3	6.7	6.0	5.5	38.2	37.8
Control C	0/500	5	5	5	8.0	8.0	7.9	25.4	24.1	23.2	6.8	6.2	5.7	38.2	37.6
Control D	0/500	5	5	5	8.0	8.0	7.9	25.5	24.4	23.1	6.7	6.1	5.7	38.3	38.3
30% A	150/350	5	5	5	7.9	8.0	7.8	25.5	24.5	23.6	6.8	6.1	5.7	37.9	37.7
30% B	150/350	5	5	5	7.9	8.0	7.8	25.5	24.6	23.4	6.7	6.0	5.7	37.9	38.1
30% C	150/350	5	5	5	7.9	8.0	7.8	25.5	24.3	23.1	6.6	5.9	5.7	38.0	37.8
30% D	150/350	5	5	5	7.9	8.0	7.8	25.6	24.6	23.1	6.6	5.9	5.8	38.1	36.8

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

[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-03
sample number:	666441

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.08	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	14.4	0.780

Organism: ***Menidia Beryllina*** Conductivity

48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	8.0	8.0	24.2	24.0	23.4	6.6	5.8	6.2	36.7	38.2
Control B	0/500	5	5	5	7.9	8.0	8.0	24.2	23.9	23.4	6.5	5.8	6.3	36.7	38.7
Control C	0/500	5	5	5	7.9	8.0	8.0	24.2	23.9	23.4	6.6	5.9	6.7	36.8	38.9
Control D	0/500	5	5	5	7.9	8.0	8.0	24.2	23.9	23.3	6.6	5.9	6.5	36.7	38.6
30% A	150/350	5	5	5	7.9	7.9	8.0	24.5	24.2	23.4	6.6	5.9	6.2	37.6	39.9
30% B	150/350	5	5	5	7.9	7.9	8.0	24.5	24.0	23.4	6.6	5.9	6.3	38.1	39.0
30% C	150/350	5	5	5	7.9	7.9	8.0	24.5	23.9	23.4	6.5	5.8	6.0	37.9	39.4
30% D	150/350	5	5	5	7.9	7.9	8.0	24.5	23.9	23.4	6.5	5.8	6.3	37.9	40.0

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	80	200

Salinity [C, D]	ppt
Menidia control:	24
100% sample:	<1

[C] Salinity based on conductivity and temperature.

[D] Sample was salted using hypersaline brine to ~24ppt.

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

Table 4a. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #4), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.

Facility:	**Broward County North Regional WWTP(#4)**	**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda		
Location:	2401 North Powerline Road, Pompano Beach	Contact/District:	Davis/SE				Joshua Ayres		
County:	Broward	Test type:	acute screen renewal				James Daniels		
Sample Collection Date:	4/14/2003 Time: 0530	# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth		
Test Beginning Date:	4/15/2003 Time: 1430	Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini		
Test Ending Date:	4/19/2003 Time: 1300	FDEP SOP#:	TA07_03		**Page 1 of 2**	**Reviewer:**	Rob Buda		

Organism: ***Americamysis bahia*** Life stage: 4 days [A]Feeding: artemia
0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	7.9	7.9	25.6	24.5	23.8	6.7	5.9	5.6	38.1	38.6
Control B	0/500	5	5	5	8.0	7.9	7.9	25.5	24.4	23.7	6.6	5.7	5.7	38.2	38.1
Control C	0/500	5	5	5	8.0	7.9	7.9	25.5	24.2	23.5	6.7	5.5	5.6	38.2	37.8
Control D	0/500	5	5	5	8.0	7.9	7.9	25.6	24.4	23.6	6.6	5.4	5.5	38.3	38.2
30% A	150/350	5	5	5	7.9	7.9	7.8	25.7	24.3	23.5	6.6	5.3	5.4	37.8	37.1
30% B	150/350	5	5	5	7.9	7.9	7.8	25.7	24.2	23.6	6.7	5.3	5.5	37.8	37.2
30% C	150/350	5	5	5	7.9	7.8	7.8	25.7	24.4	23.9	6.5	5.1	5.4	37.7	37.6
30% D	150/350	5	5	5	7.9	7.8	7.8	25.7	24.6	23.6	6.5	5.1	5.3	37.7	37.1

A Organisms were fed daily.

B Temperatures of room and test incubator were continuously recorded on a strip chart recorder.

Room Temperature range for the test period was 25.0-27.0°C.

Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-04
sample number:	666442

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.07	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	15.7	0.861

Organism: ***Americamysis bahia*** Conductivity
48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B,D]			Dissolved Oxygen[C]			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	7.7	7.8	24.5	23.4	25.2	6.5	4.3	6.2	36.5	39.6
Control B	0/500	5	5	5	7.9	7.7	7.8	24.5	23.6	25.1	6.5	4.5	6.2	36.8	40.7
Control C	0/500	5	5	5	7.9	7.7	7.8	24.5	23.1	25.1	6.5	4.8	6.4	36.6	40.6
Control D	0/500	5	5	5	7.9	7.7	7.8	24.6	23.0	25.1	6.5	4.7	6.3	36.8	43.1
30% A	150/350	5	5	5	7.9	7.6	7.8	24.4	23.3	25.1	6.5	4.3	6.3	38.5	43.3
30% B	150/350	5	4	4	7.9	7.6	7.8	24.5	23.1	25.1	6.5	4.2	6.0	40.2	43.3
30% C	150/350	5	5	5	7.9	7.6	7.7	24.5	23.1	25.0	6.5	4.0	5.6	41.1	45.2
30% D	150/350	5	5	5	7.9	7.6	7.8	24.6	23.4	25.0	6.5	4.0	5.8	41.9	45.9

C Test was aerated at 72 hours to keep D.O. above 4.0mg/L.

D Test was moved to water bath at 72 hours.

Temperature of water bath was 25.0-25.2°C.

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	76	191

Salinity [E,F]	ppt
Mysid control:	24
100% sample:	<1

[E] Salinity based on conductivity and temperature.

[F] Sample was salted using hypersaline brine to ~24ppt.

Light Intensity during the test was 50-100 foot candles.

Photoperiod during the test was 16 hours of light : 8 hours of dark.

Table 4b. Data recorded during the 96-hour acute screening bioassays of a sample of effluent from Broward County North Regional Wastewater Treatment Plant (Sample #4), 2401 North Powerline Road, Pompano Beach, Broward County, Florida, NPDES# FL0031771, performed from 15 to 19 April 2003.
Concluded

Facility:	**Broward County North Regional WWTP(#4)**		**NPDES#:**	**FL0031771**	Facility Type:	**WWTP**	**Analysts:**	Jacquelyn Brynda
Location:	2401 North Powerline Road, Pompano Beach		Contact/District:	Davis/SE				Joshua Ayres
County:	Broward		Test type:	acute screen renewal				James Daniels
Sample Collection Date:	4/14/2003 Time: 0530		# tests:	8	Receiving Water:	Atlantic Ocean		Marshall Faircloth
Test Beginning Date:	4/15/2003 Time: 1500		Chlorination Type:	dechlorinated		Class III Marine		Christa Pierini
Test Ending Date:	4/19/2003 Time: 1300		FDEP SOP#:	TA07_04		**Page 2 of 2**	**Reviewer:**	Rob Buda

Organism: ***Menidia Beryllina*** Life stage: 13 days [A]Feeding: artemia
0-48 hours (before renewal) Chamber size: 1L Food Batch #: 01940425G

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			Conductivity Uncorrected mmhos/cm	
Concentrations	Volume(mL)	0 hr	24 hr	48 hr	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	24 hour	48 hour	0 hour	48 hour
Control A	0/500	5	5	5	8.0	8.0	7.9	25.5	24.7	24.0	6.8	5.8	5.5	38.0	38.1
Control B	0/500	5	5	5	8.0	8.0	7.9	25.5	24.5	23.3	6.8	5.9	5.4	38.3	38.2
Control C	0/500	5	5	5	8.0	8.0	7.9	25.5	24.6	23.2	6.7	6.0	5.6	38.3	38.2
Control D	0/500	5	5	5	8.0	8.0	7.9	25.6	24.8	23.1	6.7	6.0	5.6	38.3	38.5
30% A	150/350	5	5	5	7.9	8.0	7.9	25.7	25.0	24.0	6.9	5.9	5.8	37.4	39.5
30% B	150/350	5	5	5	7.9	8.0	7.9	25.7	25.0	23.3	6.6	5.8	5.6	37.8	38.9
30% C	150/350	5	5	5	7.9	8.0	7.9	25.7	24.5	23.4	6.5	5.8	5.8	37.7	37.8
30% D	150/350	5	5	5	7.9	8.0	7.9	25.8	24.6	23.7	6.7	5.9	5.7	37.7	37.5

[A] Organisms were fed prior to testing and prior to renewal.
[B] Temperatures of room and test incubator were continuously recorded on a strip chart recorder.
Room Temperature range for the test period was 25.0-27.0°C.
Incubator #3 temperature range for the test period was 23.5-26.0°C.

LIMS	
Job number:	TLH-2003-04-15-02-0
sample number:	666442

Data Transcription Verification	
date:	6/9/2003
by:	Cathy Oaks
	Brad Richardson

Total Residual CL2	mg/L	Method
Field:	1.1	-
Lab:	0.07	Hach

Ammonia	Total (mg/L)	Unionized (mg/L)
Control water:	<0.017	<0.017
100% Sample:	15.7	0.861

Organism: ***Menidia Beryllina*** Conductivity
48-96 hours (after renewal) Uncorrected

	Sample/Diluen	SURVIVAL # Alive			pH			Temperature[B]			Dissolved Oxygen			mmhos/cm	
Concentrations	Volume(mL)	48 hr	72 hr	96 hr	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	72 hour	96 hour	48 hour	96 hour
Control A	0/500	5	5	5	7.9	8.0	7.9	24.5	23.6	24.4	6.5	5.8	6.3	36.7	38.6
Control B	0/500	5	5	5	7.9	8.0	7.9	24.4	23.6	24.5	6.5	5.9	6.3	37.0	38.9
Control C	0/500	5	5	5	7.9	8.0	8.0	24.4	23.7	24.2	6.5	6.0	6.3	36.9	38.9
Control D	0/500	5	5	5	7.9	8.0	8.0	24.5	23.6	24.5	6.5	6.0	6.2	36.8	39.6
30% A	150/350	5	5	5	7.8	7.9	8.0	24.4	23.9	24.3	6.5	6.0	6.3	28.7	29.7
30% B	150/350	5	5	5	7.8	7.9	7.9	24.5	24.1	24.4	6.5	6.1	6.2	36.0	38.4
30% C	150/350	5	5	5	7.8	7.9	7.9	24.5	24.0	24.3	6.5	6.0	6.0	34.1	35.7
30% D	150/350	5	5	5	7.8	7.9	7.9	24.5	23.9	24.5	6.4	6.0	6.1	38.0	40.8

Alk & Hardness	Alkalinity (mg/L)	Hardness (mg/L)
Control water:	141	-
100% Sample:	76	191

Salinity [C, D]	ppt
Menidia control:	24
100% sample:	<1

[C] Salinity based on conductivity and temperature.
[D] Sample was salted using hypersaline brine to ~24ppt.
Light Intensity during the test was 50-100 foot candles.
Photoperiod during the test was 16 hours of light : 8 hours of dark.

Table 5. Results of chemical analyses on the effluent from Broward County North Regional Wastewater Treatment Plant sampled on April 14, 2003.

Metals

Aluminum	33 ug/L	I
Calcium	50.5 mg/L	
Copper	2.4 ug/L	I
Iron	204 ug/L	
Lead	0.25 ug/L	I
Magnesium	18.1 mg/L	
Nickel	3.3 ug/L	I
Selenium	1.4 ug/L	I
Silver	0.089 ug/L	
Zinc	18 ug/L	

Pesticides and Herbicides

Atrazine	0.14 ug/L	I

Nutrients

Ammonia-N	17 mg N/L	
Nitrates and Nitrites	0.33 mg N/L	
Total Kjeldahl Nitrogen	20 mg N/L	
Ortho-Phosphates	0.38 mg P/L	
Total Phosphorous	0.55 mg P/L	

Base, Neutral, & Acid Extractable Organics

Acetophenone	2.0 ug/L	I
Bis(2-ethylhexyl)phthalate	18 ug/L	I
Phenol	3.3 ug/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 6. Chemical Analyses performed on the effluent from Broward County North Regional Wastewater Treatment Plant, sampled on April 14, 2003.

Date Sampled	Site Location	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
4/14/2003 5:30	D-001	51-NB-1	Bio-AGP/LimNut	Algal Growth Potential	310	mg DryWt/L		0.1	0.3
4/14/2003 5:30	D-001	51-NB-1	Bio-Chl-a	Chlorophyll-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
4/14/2003 5:30	D-001	51-NB-1	Bio-Chl-a	Phaeophytin-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
4/14/2003 5:30	D-001	51-NB-1a	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1a	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1b	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1b	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1c	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1c	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1d	Bio-Toxicology	Bioassay-Acute-Screen-SW-Fish, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1d	Bio-Toxicology	Bioassay-Acute-Screen-SW-Mysid, LC50	30	LC50	L		
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,2,4-Trichlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,2-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,3,5-Trinitrobenzene	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,3-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,4-Dichlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1,4-Naphthoquinone	19	ug/L	UJ	19	78
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	1-Naphthylamine	9.7	ug/L	UJ	9.7	39
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4,5-Trichlorophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4,6-Trichlorophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4-Dichlorophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4-Dimethylphenol	49	ug/L	U	49	190
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	58
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,4-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,6-Dichlorophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2,6-Dinitrotoluene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Acetylaminofluorene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Chloronaphthalene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Chlorophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Methylnaphthalene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Naphthylamine	9.7	ug/L	U	9.7	39
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Nitroaniline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Nitrophenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	2-Picoline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	3,3'-Dichlorobenzidine	39	ug/L	U	39	160
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	UJ	19	78
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	3-Methylcholanthrene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	3-Nitroaniline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4,4'-DDT	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Aminobiphenyl	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Bromophenyl phenyl ether	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Chloro-3-methylphenol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Chloroaniline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Nitroaniline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	4-Nitrophenol	15	ug/L	U	15	58
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	5-Nitro-o-toluidine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Acenaphthene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Acenaphthylene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Acetophenone	2	ug/L	I	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Aldrin	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Aniline	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Anthracene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzidine	97	ug/L	U	97	390
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzo(a)anthracene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzo(a)pyrene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzo(b)fluoranthene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzo(g,h,i)perylene	0.97	ug/L	U	0.97	3.9

Date Sampled	Site Location	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzo(k)fluoranthene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Benzyl alcohol	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Bis(2-chloroethoxy)methane	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Bis(2-chloroethyl)ether	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Bis(2-ethylhexyl)phthalate	18	ug/L	I	15	58
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Butyl benzyl phthalate	4.9	ug/L	U	4.9	19
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Chrysene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Di-n-butyl phthalate	4.9	ug/L	U	4.9	19
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Di-n-octyl phthalate	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dibenzo(a,h)anthracene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dibenzofuran	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Diethyl phthalate	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dimethyl phthalate	49	ug/L	U	49	190
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dimethylaminoazobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Dinoseb	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Endosulfan I	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Endosulfan II	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Endrin	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Endrin aldehyde	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Ethyl methanesulfonate	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Fluoranthene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Fluorene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Hexachlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	UJ	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Indeno(1,2,3-cd)pyrene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Isophorone	0.97	ug/L	UJ	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Isosafrole	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Methapyrilene	3.9	ug/L	UJ	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Methyl methanesulfonate	0.97	ug/L	UJ	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosodi-n-butylamine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosodiethylamine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosomorpholine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosopiperidine	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Naphthalene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	78
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pentachlorobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pentachloroethane	49	ug/L	U	49	190
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pentachloronitrobenzene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Phenacetin	3.9	ug/L	U	3.9	12
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Phenanthrene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Phenol	3.3	ug/L	I	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pyrene	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Pyridine	3.9	ug/L	U	3.9	16
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	Safrole	0.97	ug/L	U	0.97	3.9
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.8
4/14/2003 5:30	D-001	51-NB-1	BNA-Water	o-Toluidine	0.97	ug/L	U	0.97	3.9
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,2,4,5-Tetrachlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,2,4-Trichlorobenzene	0.96	ug/L	U	0.96	3.8

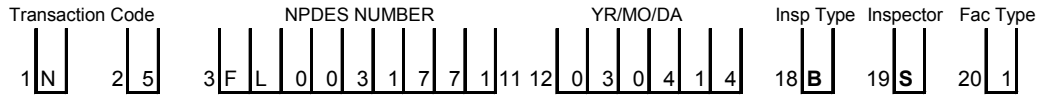
Date Sampled	Site Location	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,2-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,3,5-Trinitrobenzene	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,3-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,3-Dinitrobenzene	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,4-Dichlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1,4-Naphthoquinone	19	ug/L	UJ	19	77
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	1-Naphthylamine	9.6	ug/L	UJ	9.6	38
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,3,4,6-Tetrachlorophenol	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4,5-Trichlorophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4,6-Trichlorophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4-Dichlorophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4-Dimethylphenol	48	ug/L	U	48	190
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4-Dinitrophenol	14	ug/L	U	14	58
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,4-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,6-Dichlorophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2,6-Dinitrotoluene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Acetylaminofluorene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Chloronaphthalene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Chlorophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Methylnaphthalene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Naphthylamine	9.6	ug/L	U	9.6	38
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Nitroaniline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Nitrophenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	2-Picoline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	3,3'-Dichlorobenzidine	38	ug/L	U	38	150
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	3,3'-Dimethylbenzidine	19	ug/L	UJ	19	77
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	3-Methylcholanthrene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	3-Nitroaniline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4,4'-DDD	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4,4'-DDE	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4,4'-DDT	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Aminobiphenyl	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Bromophenyl phenyl ether	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Chloro-3-methylphenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Chloroaniline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Chlorophenyl phenyl ether	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Nitroaniline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	4-Nitrophenol	14	ug/L	U	14	58
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	5-Nitro-o-toluidine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	7,12-Dimethylbenz(a)anthracene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Acenaphthene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Acenaphthylene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Acetophenone	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Aldrin	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Aniline	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Anthracene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Azobenzene/1,2-Diphenylhydrazine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzidine	96	ug/L	U	96	380
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzo(a)anthracene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzo(a)pyrene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzo(b)fluoranthene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzo(g,h,i)perylene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzo(k)fluoranthene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Benzyl alcohol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Bis(2-chloroethoxy)methane	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Bis(2-chloroethyl)ether	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Bis(2-ethylhexyl)phthalate	230	ug/L		14	58
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Butyl benzyl phthalate	4.8	ug/L	U	4.8	19
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Chrysene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Di-n-butyl phthalate	4.8	ug/L	U	4.8	19
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Di-n-octyl phthalate	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dibenzo(a,h)anthracene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dibenzofuran	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dieldrin	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Diethyl phthalate	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dimethyl phthalate	48	ug/L	U	48	190
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dimethylaminoazobenzene	0.96	ug/L	U	0.96	3.8

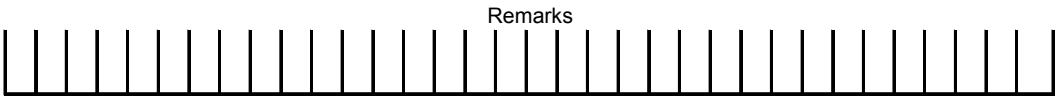
Date Sampled	Site Location	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Dinoseb	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Diphenylamine	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Endosulfan I	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Endosulfan II	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Endosulfan sulfate	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Endrin	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Endrin aldehyde	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Ethyl methanesulfonate	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Fluoranthene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Fluorene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Heptachlor	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Heptachlor epoxide	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Hexachlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	UJ	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Hexachloropropene	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Indeno(1,2,3-cd)pyrene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Isophorone	0.96	ug/L	UJ	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Isosafrole	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Methapyrilene	3.8	ug/L	UJ	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Methyl methanesulfonate	0.96	ug/L	UJ	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosodi-n-butylamine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosodi-n-propylamine	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosodiethylamine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosodimethylamine	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosomethylethylamine	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosomorpholine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosopiperidine	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	N-Nitrosopyrrolidine	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Naphthalene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Nitrobenzene	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Nitroquinoline-1-oxide	19	ug/L	U	19	77
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pentachlorobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pentachloroethane	48	ug/L	U	48	190
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pentachloronitrobenzene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Phenacetin	3.8	ug/L	U	3.8	12
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Phenanthrene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Phenol	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pyrene	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Pyridine	3.8	ug/L	U	3.8	15
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	Safrole	0.96	ug/L	U	0.96	3.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	alpha-BHC	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	beta-BHC	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	delta-BHC	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	gamma-BHC	1.4	ug/L	U	1.4	5.8
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	m,p-Cresols	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	o-Cresol	1.9	ug/L	U	1.9	7.7
4/14/2003 9:45	FIELD BLANK	51-NB-2	BNA-Water	o-Toluidine	0.96	ug/L	U	0.96	3.8
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Alachlor	0.58	ug/L	U	0.58	2.32
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Atrazine	0.14	ug/L	I	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Chlorpyrifos Methyl	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Diazinon	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Ethion	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Ethoprop	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Fonofos	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Hexazinone	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.92
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Metribuzin	0.096	ug/L	U	0.096	0.384

Date Sampled	Site Location	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Mevinphos	0.19	ug/L	UJ	0.19	0.76
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Naled	0.77	ug/L	UJ	0.77	3.08
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Norflurazon	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Parathion Methyl	0.096	ug/L	U	0.096	0.384
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Phorate	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
4/14/2003 5:30	D-001	51-NB-1	GC-Water	Simazine	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Alachlor	0.58	ug/L	U	0.58	2.32
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Ametryn	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Atrazine	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Azinphos Methyl	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Bromacil	0.19	ug/L	U	0.19	0.76
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Butylate	0.19	ug/L	U	0.19	0.76
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Chlorpyrifos Ethyl	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Chlorpyrifos Methyl	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Diazinon	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Ethion	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Ethoprop	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Fenamiphos	0.19	ug/L	U	0.19	0.76
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Fonofos	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Hexazinone	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Malathion	0.14	ug/L	U	0.14	0.56
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Metalaxyl	0.24	ug/L	U	0.24	0.96
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Metolachlor	0.48	ug/L	U	0.48	1.92
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Metribuzin	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Mevinphos	0.19	ug/L	UJ	0.19	0.76
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Naled	0.77	ug/L	UJ	0.77	3.08
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Norflurazon	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Parathion Ethyl	0.14	ug/L	U	0.14	0.56
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Parathion Methyl	0.096	ug/L	U	0.096	0.384
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Phorate	0.048	ug/L	U	0.048	0.192
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Prometryn	0.14	ug/L	U	0.14	0.56
4/14/2003 9:45	FIELD BLANK	51-NB-2	GC-Water	Simazine	0.048	ug/L	U	0.048	0.192
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Aluminum	33	ug/L	I	10	40
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Arsenic	5	ug/L	U	5	20
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Calcium	50.5	mg/L		0.05	0.2
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Chromium	5	ug/L	U	2	8
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Copper	2.4	ug/L	I	0.8	3.2
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Iron	204	ug/L		15	60
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Lead	0.25	ug/L	I	0.1	0.4
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Magnesium	18.1	mg/L		0.02	0.08
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Nickel	3.3	ug/L	I	2.5	10
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Selenium	1.4	ug/L	I	1	4
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Silver	0.089	ug/L		0.02	0.08
4/14/2003 5:30	D-001	51-NB-1	Metals-Water	Zinc	18	ug/L		4	16
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Aluminum	10	ug/L	U	10	40
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Arsenic	5	ug/L	U	5	20
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Calcium	0.05	mg/L	U	0.05	0.2
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Chromium	2	ug/L	U	2	8
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Copper	0.8	ug/L	U	0.8	3.2
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Iron	15	ug/L	U	15	60
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Lead	0.1	ug/L	U	0.1	0.4
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Magnesium	0.02	mg/L	U	0.02	0.08
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Nickel	2.5	ug/L	U	2.5	10
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Selenium	1	ug/L	U	1	4
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Silver	0.02	ug/L	U	0.02	0.08
4/14/2003 9:45	FIELD BLANK	51-NB-2	Metals-Water	Zinc	4	ug/L	U	4	16
4/14/2003 5:30	D-001	51-NB-1	Nutrients-Liquid	Ammonia-N	17	mg N/L		1	2
4/14/2003 5:30	D-001	51-NB-1	Nutrients-Liquid	NO2NO3-N	0.33	mg N/L		0.004	0.01
4/14/2003 5:30	D-001	51-NB-1	Nutrients-Liquid	N_KJEL_TOT	20	mg N/L		0.6	2
4/14/2003 5:30	D-001	51-NB-1	Nutrients-Liquid	O-Phosphate-P	0.38	mg P/L		0.04	0.1
4/14/2003 5:30	D-001	51-NB-1	Nutrients-Liquid	Total-P	0.55	mg P/L		0.04	0.1
4/14/2003 9:45	FIELD BLANK	51-NB-2	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
4/14/2003 9:45	FIELD BLANK	51-NB-2	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
4/14/2003 9:45	FIELD BLANK	51-NB-2	Nutrients-Liquid	N_KJEL_TOT	0.06	mg N/L	U	0.06	0.2
4/14/2003 9:45	FIELD BLANK	51-NB-2	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	U	0.004	0.01
4/14/2003 9:45	FIELD BLANK	51-NB-2	Nutrients-Liquid	Total-P	0.004	mg P/L	U	0.004	0.01

The Bioassay of Broward County North Regional Wastewater Treatment Plant effluent sampled on April 14, 2003, NPDES #FL0031771.

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





The Priority Pollutants Analysis for Bioassay of Broward County North Regional Wastewater Treatment Plant effluent sampled on April 14, 2003, NPDES #FL0031771.

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

