

Bioassays of

Fort Myers Central WWTP

Lee County

NPDES #FL0021261

Sampled August 2, 2004

November 2004

Biology Section
Bureau of Laboratories
Division of Resource Assessment and Management

Quality Manual No. 870346G
NELAC Certification No. E31780

Fort Myers Central Wastewater Treatment Plant, 1501 Raleigh Street, Fort Myers, Lee County, Florida, NPDES #FL0021261. Effluent samples for this facility were collected on August 2, 2004

Introduction

Ft. Myers Central WWTP is a Bardenpho process domestic wastewater treatment facility with a design flow of 11.0 million gallons per day (MGD) and average monthly flows for January, February, March, and April of 2004 of 4.39, 5.12, 4.60, and 4.41 MGD, respectively. The treatment process includes influent screening, grit removal, fermentation, first anoxic, aeration, second anoxic, reaeration, secondary clarification, chemical feed, chlorination, and dechlorination (by sulfur dioxide gas) for the surface water discharge. Treated effluent is discharged to the Caloosahatchee Estuary, a Class III marine waterbody, at Discharge Location D-001, which is approximately 2,390 feet from the shoreline and at a depth of approximately 15.8 feet. There are no mixing zones for this facility.

This facility also has a 2.0 MGD design capacity slow-rate public access system (R-001) consisting of landscape irrigation of City owned property, commercial property, and industrial uses within a general reuse service area. Treatment for the existing 2.0 MGD maximum monthly average daily flow reclaimed water treatment facilities includes tertiary filtration and chlorination (facility information provided by Mark Johnson of FDEP South District office).

Methods

Samples were collected for water chemistry and toxicity from the EFF-01 and EFD-1 NPDES sampling points, respectively, by Ford Walton (FDEP South District Office) following DEP-SOP-001/01 FS 2400 Wastewater Sampling. All DEP SOP's are available on the web at: http://www.floridadep.org/labs/qa/sops.htm.

The toxicity tests and algal growth potential test were performed following internal DEP SOP's TA07_01,TA07_02, 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. While the 48-hour acute screening toxicity test does not reflect the permit required conditions, the Department uses it to provide reasonable assurance that the facility does not adversely affect waters of the state.

Toxicity Test Results

Tests were performed August 3-5, 2004.

Ceriodaphnia dubia 48-hr acute screening bioassay –	LC_{50} > 100%, 0%* mortality in 100% sample at 48 hours
Cyprinella leedsi 48-hr acute screening bioassay –	LC_{50} > 100%, 10%* mortality in 100% sample at 48 hours

See Appendix 1 for bioassay bench sheets.

*NOTE: In a 48-hr acute screening test of 100% effluent, mortality of <20% provides reasonable assurance that the effluent meets the acute toxicity criterion of Florida's Surface Water Quality Standards (Rule 62-302.500 (1)(a)4, F.A.C.). Mortality between 20-50% mortality indicates low to moderate levels of toxicity, and further action may be required. Mortality of >50% provides reasonable assurance that the effluent fails to meet the minimum requirement to discharge to waters of the state (Rule 62-4.244(3)(a), F.A.C.).

Algal Growth Potential

The effluent AGP was 19.6 mg dry wt/L of the unicellular green alga, *Pseudokirchneriella subcapitata*, formerly known as *Selenastrum capricornutum*. Raschke and Shultz (1987) found that Algal Growth Potential (AGP) values above 5.0 mg dry weight/L represent a “problem” threshold for fresh receiving waters, implying nutrient enrichment. A saltwater AGP test was not performed; however, the freshwater AGP results suggest that nutrient enrichment may be an issue. The analytical chemistry suggests that the effluent is nitrogen-limited. The predicted AGP based on inorganic nitrogen and phosphorus concentrations was 11.74 (±20%) mg dry wt/L (Table 1; Miller et al. 1978).

Chemistry Results

Total residual chlorine and total ammonia were not detected in the bioassay sample in the laboratory. The total ammonia concentration in the sample collected and preserved for chemical analysis was 0.039 mg/L. Based on the pH, salinity and temperature of the effluent when collected, the calculated unionized ammonia concentration was <0.001 mg/L.

Effluent levels of bromodichloromethane (87 µg/L) and dibromochloromethane (38 µg/L) exceeded their respective Class III marine water quality criteria of 22 µg/L (62-302.530(36)(b)5., F.A.C.) and 34 µg/L (62-302.530(36)(b)2., F.A.C.). Bromoform, chloroform, aluminum, iron, lead, silver, and zinc were detected at levels that complied with Class III marine water quality standards (62-302, F.A.C.). Atrazine, copper, and nickel were detected at levels between the MDL and PQL.

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 the EFD-1 sampling site for this facility on August 2, 2004, did not show acute toxicity to either test species during the 48-hour acute bioassays. The effluent AGP result exceeded the "problem” threshold for fresh receiving waters, suggesting nutrient enrichment may be an issue. Bromodichloromethane and dibromochloromethane in the effluent at site EFF-1 exceeded Class III marine water quality criteria.

Literature Cited

Miller, W. E., T. E. Maloney, and J. C. Greene. 1978. The *Selenastrum capricornutum* Printz algal assay bottle test. EPA-600/9-78-018. U. S. EPA, Cincinnati, Ohio. 126 p.

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 1. Measured and predicted algal growth potential (AGP) for total soluble nitrogen (TSIN) limitation of Pseudokirchneriella subcapitata *for samples from Fort Myers Central WWTP on August 2, 2004.*

Location	AGP (measured)	Predicted AGP (TSIN) ± 20%	Inorganic N:P ratio
EFF-1 (samples DW-080204-1G&1C)	19.6	11.74 ± 2.348	3.91

Table 2. Effluent limits, Class III Criteria, and chemical data for samples from the Fort Myers Central WWTP collected on August 2, 2004.

Fort Myers Central WWTP	Class III Marine Stds	Effluent Limits EFF-1	Effluent Limits EFD-1	Effluent Sample EFF-1 (composite)	Effluent Sample EFF-1 (grab)	Effluent Sample EFD-1
Organic Constituents (µg/L)						
Atrazine	-	-	-	-	0.06 I	-
Bromodichloromethane	≤ 22	-	Report a	-	87	-
Bromoform	≤ 360	-	-	-	3.4	-
Chloroform	≤ 470.8	-	Report a	-	94	-
Dibromochloromethane	≤ 34	-	Report a	-	38	-
Metals (µg/L unless otherwise noted)						
Aluminum	≤ 1500	-	Report	-	492 A	-
Antimony	≤ 4300	-	Report	-	4 U	-
Arsenic	≤ 50	-	Report	-	6 U	-
Cadmium	≤ 9.3	-	-	-	0.025 U	-
Calcium (mg/L)	-	-	-	-	75.2 A	-
Chromium-III	-	-	-	-	2 U	-
Chromium (total)	-	-	Report	-		-
Copper	≤ 3.7	-	Report	-	1.2 I	-
Iron	≤ 300	-	Report	-	68 A	-
Lead	≤ 8.5	-	Report	-	0.21 A	-
Magnesium (mg/L)	-	-	-	-	13.1 A	-
Mercury	≤ 0.025	-	Report	-	0.1 U	-
Nickel	≤ 8.3	-	Report	-	2.2 I	-
Selenium	≤ 71	-	-	-	0.5 U	-
Silver	-	-	Report	-	0.24 A	-
Zinc	≤ 86	-	Report	-	18 A	-
Nutrients (mg/L)						
Chloride	-	-	Report	180 A	-	-
TSS	-	-	-	4 U	-	-
Ortho-phosphate	-	-	-	0.079	-	-
Total Phosphorus	-	≤ 1.0 s	-	0.19	-	-
Ammonia	-	-	-	0.039 A	-	-
Unionized Ammonia	-	-	Report	< 0.001	-	-
Nitrate+Nitrite	-	-	-	0.27	-	-
Total Kjeldahl Nitrogen	-	-	-	1.2	-	-
Organic Nitrogen	-	-	-	1.16 c	-	-
Total Nitrogen	-	≤ 6.0 s	-	1.47 c	-	-
Fluoride	≤ 5.0	-	Report	0.41	-	-
General Physical and Chemical Parameters						
Dissolved Oxygen (mg/L)	≥ 4 s	-	≥ 4 s	-	5.9	5.5
pH (S.U.)	6.5 - 8.5	-	-	-	7.1	7
Conductivity (umhos/cm)	-	-	Report	-	987	1005
Salinity (ppth)	-	-	Report	-	-	-
Temperature (C)	-	-	-	-	30.5	31.8
Total Suspended Solids	-	≤ 60 s	-	-	-	-
Oil and Grease (mg/l)	≤ 5	-	Report	-	0.69 U	-
Hardness (mg/L)	-	-	-	-	241.7 c	-
Total Residual Chlorine (mg/L) (lab)	≤ 0.01	-	≤ 0.01	-	-	< 0.03 U
AGP (mg DryWt/L)	-	-	-	-	19.6 J	-
MBAS (mg/l)	≤ 0.5	-	Report	-	0.039 U	-

Value exceeds the Class III Marine Water Quality Criteria (62-302, F.A.C.)

a - Annual average
c - calculated value
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.
J - Estimated value
U - Material analyzed for but not detected; value reported is the minimum detection limit
s - Single sample

FDEP Biology Section - Acute
Bioassay Bench Sheets

Facility: Ft. Myers Central AWWTF

Address: 1501 Raleigh Street

City: Fort Myers County: Lee

Contact/District: Ford Walton/South

NPDES Permit #: FL 0021261

LIMS Job #: TLH-2004-08-03-02 LIMS Sample #: 771513

Sample Collection: Date: 8/2/04 Time: ~~0958~~ 1430 8-3-04

Hold time Start: Date: 8/2/04 Time: ~~0958~~ 1430

Comments:

Lims Data Entry: 8/6/04 MF

Data Entry Verification: 8.6.04 JD

Instructions (for below): Circle appropriate wording. If yes is circled complete blanks.

Test Type: Screening/Definitive

(Static) / Static Renewal / Flow-through

Test Duration: (48) 96 Hours.

Light Intensity : 50 - 100 ft. candles.

Photoperiod : 16 hours light 8 hours dark.

Initial sample handling:

Test 1 validation:
Control survival ≥90%: (Yes) No
Temperature Range ≤3°C: (Yes) No

Test 2 validation:
Control survival ≥90%: (Yes) No
Temperature Range ≤3°C: (Yes) No

PH adjustment : yes (no) Initial pH NaOH N HCl N Drops mL Final pH

Aeration : yes (no) Initial DO: mg/L Final DO: mg/L Duration: minutes Rate: ~ bubbles/min

Salinity adjusted (Test 1): yes (no) Initial Salinity: Final Salinity: Salts Hypersaline brine

Salinity adjusted (Test 2): yes (no) Initial Salinity: Final Salinity: Salts Hypersaline brine

Dechlorination: yes (no) mL of 0.025N Sodium Thiosulfate per liter of sample. Final TRC

Temperature Range °C
Incubator # 3 Range 24.0 - 24.8
Room B246: 24.0 - 24.8
Waterbath: N/A

Sample Validation:
Temperature: Shipped ≤6°C (Yes) No Hand Delivered: Cooling (received °C < collected °C) Yes No
Holding Time: ≤36 Hours (Yes) No (Composite-end of collection; grab-when collected; 4 in 24 - time last sample collected)

Investigators' Signatures

Donna Nicholson
Marshall Faircloth
Sarah Pritchard
Jonna Darnell

Mindi Willenbrock
REVIEWER

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Water Quality Parameters	20% DMW	Well Water	Salt Water ASW NSW Test 1	Salt Water ASW NSW Test 2	Moderately Hard Water	Original Sample	Method	Measured by	Verified by
Field Total Residual Cl2 (mg/L):	N/A	N/A	N/A	N/A	N/A	—	not measured		MF
Lab Total Residual Cl2 (mg/L):	<0.03	<0.03				<0.03	HACH	SP	DN
Alkalinity (mg/L as $CaCO_3$):	82	143				163	HACH	JD	MF
Hardness (mg/L as $CaCO_3$):	89	141				300	HACH	JD	MF
Total Ammonia (mg/L as N):	<0.017	<0.017				<0.017	DENVER	DN	MF
Salinity (ppt):	<1	<1				<1	YSI	DN	MF

FDEP Biology Section - - Bioassay Bench Sheet

Survival

LIMS Sample #: 771513 Test #: 1 Test Started: Date 8/3/04 Time: 1400

Organism: C. dubia Test Ended: Date 8/5/04 Time: 1235

Organism Batch: 30 Diluent/ Batch: DMW 1 # 27

Organism Age: <24 hr Food: (YCT) P. (subcapitata) Artemia

Chamber Size 30 mL Batch: 2 32

Test Volume 20 mL Feeding: (Prior to test) - Prior to renewal - Daily

Concentration	Replicate	Chamber #	Test Hour: 0 hr	24 hr	48 hr BR	48 hr AR	72 hr	96 hr
CTRL	A	/	5	5	5			
	B	/	5	5	5			
	C	/	5	5	5			
	D	/	5	5	5			
100%	A	/	5	5	5			
	B	/	5	5	5			
	C	/	5	5	5			
	D	/	5	5	5			
Organisms loaded by: MF		Checked by: (initials)	DN	JO	JO			

Loading Verified by: DN

Comments:

m = missing d = dead BR = before renewal AR = after renewal

Test Results:

% mortality in 100% sample Ø

LC_{50}: >100% If Calculated: 95% CI______ Method:______

Screening Tests: Report LC50 as >100%, =100%, or <100%.

Substitue highest test concentration used if other than 100% (example: Ocean outfall tested at 30% concentration).

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[redacted]

FDEP Biology Section - - Bioassay Bench Sheet
Survival

LIMS Sample #: 771513 Test #: 2 Test Started: Date 8/3/04 Time: 1405
Organism: C. leedsi Test Ended: Date 8/5/04 Time: 1235
Organism Batch: 17 Diluent/ Batch: Well H2O / NA
Organism Age: 6 days Food: YCT P. subcapitata (Artemia)
Chamber Size 1000 mL Batch: ___ ___ 0194042SG
Test Volume 500 mL Feeding: (Prior to test) - Prior to renewal - Daily

Concentration	Replicate	Chamber #	Test Hour 0 hr	24 hr	48 hr BR	48 hr AR	72 hr	96 hr
CTRL	A D9	D9	5	5	5			
	B D10	D10	5	5	5			
	C D11	D11	5	5	5			
	D D12	D12	5	5	5			
100%	E D13	D13	5	4 1D	4			
	F D14	D14	5	5	4 1D			
	G D15	D15	5	5	5			
	H D16	D16	5	5	5			
Organisms loaded by: JD / Loading Verified by: MF		Checked by: (initials)	MF	JD	JD			

Comments:

m = missing d = dead BR = before renewal AR = after renewal

Test Results:

% mortality in 100% sample 10%

LC_{50}: >100% If Calculated: 95% CI______ Method:______

Screening Tests: Report LC50 as >100%, =100%, or <100%.
Substitue highest test concentration used if other than 100% (example: Ocean outfall tested at 30% concentration).

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Bioassay Parameters

LIMS Sample # : 771513 Test # : 1 of 2

TEST SOP: TA07_ 01 Test Species: (Ceriodaphnia dubia) *Cyprinella leedsi* *Pimephales promelas* *Americamysis bahia* *Menidia beryllina* Other:_____

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Concentration CTRL	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A		B			
pH (S.U.)	8.1		7.3			
Temperature °C	24.6		24.0			
Dissolved Oxygen mg/L	8.0		6.9			
Conductivity (µmhos) mmhos	190		245			
(initials) Measured by:	DN		JD			
(initials) Recorded by:	DN		JD			

Comments:

Concentration 100 %	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A		B			
pH (S.U.)	7.2		7.6			
Temperature °C	24.9		24.0			
Dissolved Oxygen mg/L	7.5		6.8			
Conductivity (µmhos) mmhos	900		995			
(initials) Measured by:	DN		JD			
(initials) Recorded by:	DN		JD			

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

V.1 2/24/04

Bioassay Parameters

LIMS Sample # : 771513 Test # : 2 of 2

TEST SOP: TA07_02 Test Species: *Ceriodaphnia dubia* *Cyprinella leedsi* *Pimephales promelas* *Americamysis bahia* *Menidia beryllina* Other:

V.1 2/24/04

Concentration CTRL	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A	B	C			
pH (S.U.)	7.8	7.7	7.7			
Temperature °C	24.4	24.0	25.4			
Dissolved Oxygen mg/L	7.8	7.6	7.2			
Conductivity µmhos mmhos	270	285	299			
(initials) Measured by:	DN	DN	JD			
(initials) Recorded by:	DN	DN	JD			

Comments:

Concentration 100 %	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate	A	B	C			
pH (S.U.)	7.2	7.7	8.0			
Temperature °C	24.7	24.0	25.5			
Dissolved Oxygen mg/L	7.4	7.2	7.2			
Conductivity µmhos mmhos	920	905	973			
(initials) Measured by:	DN	DN	JD			
(initials) Recorded by:	DN	DN	JD			

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

Concentration	0 Hr.	24 Hr.	48 Hr. before renewal	48 Hr. after renewal	72 Hr.	96 Hr.
Replicate						
pH (S.U.)						
Temperature °C						
Dissolved Oxygen mg/L						
Conductivity µmhos mmhos						
(initials) Measured by:						
(initials) Recorded by:						

Comments:

V.1 2/24/04

Appendix 2. Chemical Analyses performed on the effluent from the Fort Myers Central WWTP Outfalls EFF-1 and EFD-1, sampled on August 2, 2004. (DW-080204-1G and DW-080204-1C = EFF-1 grab and composite, DW-080204-4 = blank, DW-080204-3 = EFD-1 bioassay sample)

Date Sampled	Field ID	Analysis Group	Component	Result	Units	Remark	MDL	PQL
8/2/2004 9:58	TRIP BLANK	VOC-Water	Bromodichloromethane	0.2	ug/L	U	0.2	1
8/2/2004 9:58	TRIP BLANK	VOC-Water	Bromoform	0.5	ug/L	U	0.5	2
8/2/2004 9:58	TRIP BLANK	VOC-Water	Chloroform	0.2	ug/L	U	0.2	1
8/2/2004 9:58	TRIP BLANK	VOC-Water	Dibromochloromethane	0.2	ug/L	U	0.2	1
8/2/2004 12:20	DW-080204-4	BNA-Water	1,2,4-Trichlorobenzene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	1,2-Dichlorobenzene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	1,3-Dichlorobenzene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	1,4-Dichlorobenzene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2,4,6-Trichlorophenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2,4-Dichlorophenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2,4-Dimethylphenol	50	ug/L	U	50	200
8/2/2004 12:20	DW-080204-4	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	59
8/2/2004 12:20	DW-080204-4	BNA-Water	2,4-Dinitrotoluene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2,6-Dinitrotoluene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2-Chloronaphthalene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2-Chlorophenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	2-Methyl-4,6-dinitrophenol	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	2-Nitrophenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	3,3'-Dichlorobenzidine	40	ug/L	U	40	160
8/2/2004 12:20	DW-080204-4	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	4,4'-DDT	1.5	ug/L	UJ	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	4-Bromophenyl phenyl ether	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	4-Chloro-3-methylphenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	4-Chlorophenyl phenyl ether	2	ug/L	U	2	7.9
8/2/2004 12:20	DW-080204-4	BNA-Water	4-Nitrophenol	15	ug/L	U	15	59
8/2/2004 12:20	DW-080204-4	BNA-Water	Acenaphthene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Acenaphthylene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Aldrin	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Anthracene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzidine	99	ug/L	U	99	400
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzo(a)anthracene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzo(a)pyrene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzo(b)fluoranthene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzo(g,h,i)perylene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Benzo(k)fluoranthene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Bis(2-chloroethoxy)methane	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Bis(2-chloroethyl)ether	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Bis(2-chloroisopropyl)ether	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	59
8/2/2004 12:20	DW-080204-4	BNA-Water	Butyl benzyl phthalate	5	ug/L	U	5	20
8/2/2004 12:20	DW-080204-4	BNA-Water	Chrysene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Dibenzo(a,h)anthracene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Diethyl phthalate	0.99	ug/L	U	0.99	4

8/2/2004 12:20	DW-080204-4	BNA-Water	Dimethyl phthalate	50	ug/L	U	50	200
8/2/2004 12:20	DW-080204-4	BNA-Water	Di-n-butyl phthalate	5	ug/L	U	5	20
8/2/2004 12:20	DW-080204-4	BNA-Water	Di-n-octyl phthalate	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Endosulfan I	4	ug/L	U	4	16
8/2/2004 12:20	DW-080204-4	BNA-Water	Endosulfan II	4	ug/L	U	4	16
8/2/2004 12:20	DW-080204-4	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Endrin	1.5	ug/L	UJ	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Endrin aldehyde	4	ug/L	U	4	16
8/2/2004 12:20	DW-080204-4	BNA-Water	Fluoranthene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Fluorene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.9
8/2/2004 12:20	DW-080204-4	BNA-Water	Hexachlorobenzene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Hexachlorobutadiene	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Hexachlorocyclopentadiene	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Hexachloroethane	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Indeno(1,2,3-cd)pyrene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Isophorone	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Naphthalene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Nitrobenzene	2	ug/L	U	2	7.9
8/2/2004 12:20	DW-080204-4	BNA-Water	N-Nitrosodimethylamine	2	ug/L	U	2	7.9
8/2/2004 12:20	DW-080204-4	BNA-Water	N-Nitrosodi-n-propylamine	2	ug/L	U	2	7.9
8/2/2004 12:20	DW-080204-4	BNA-Water	N-Nitrosodiphenylamine	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Pentachlorophenol	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	BNA-Water	Phenanthrene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Phenol	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	BNA-Water	Pyrene	0.99	ug/L	U	0.99	4
8/2/2004 12:20	DW-080204-4	GC-Water	Alachlor	0.59	ug/L	U	0.59	2.4
8/2/2004 12:20	DW-080204-4	GC-Water	Ametryn	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	GC-Water	Atrazine	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	GC-Water	Azinphos Methyl	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	GC-Water	Bromacil	0.2	ug/L	U	0.2	0.78
8/2/2004 12:20	DW-080204-4	GC-Water	Butylate	0.2	ug/L	U	0.2	0.78
8/2/2004 12:20	DW-080204-4	GC-Water	Chlorpyrifos Ethyl	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	GC-Water	Chlorpyrifos Methyl	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Diazinon	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	GC-Water	Ethion	0.049	ug/L	UJ	0.049	0.196
8/2/2004 12:20	DW-080204-4	GC-Water	Ethoprop	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Fenamiphos	0.2	ug/L	U	0.2	0.78
8/2/2004 12:20	DW-080204-4	GC-Water	Fonofos	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Hexazinone	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Malathion	0.15	ug/L	UJ	0.147	0.588
8/2/2004 12:20	DW-080204-4	GC-Water	Metalaxyl	0.25	ug/L	U	0.25	0.98
8/2/2004 12:20	DW-080204-4	GC-Water	Metolachlor	0.49	ug/L	U	0.49	2
8/2/2004 12:20	DW-080204-4	GC-Water	Metribuzin	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Mevinphos	0.2	ug/L	UJ	0.196	0.784
8/2/2004 12:20	DW-080204-4	GC-Water	Naled	0.78	ug/L	UJ	0.784	3.14
8/2/2004 12:20	DW-080204-4	GC-Water	Norflurazon	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.59
8/2/2004 12:20	DW-080204-4	GC-Water	Parathion Methyl	0.098	ug/L	U	0.098	0.39
8/2/2004 12:20	DW-080204-4	GC-Water	Phorate	0.049	ug/L	UJ	0.049	0.196

8/2/2004 12:20	DW-080204-4	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.59
8/2/2004 12:20	DW-080204-4	GC-Water	Simazine	0.049	ug/L	U	0.049	0.2
8/2/2004 12:20	DW-080204-4	Mercury-Water	Mercury	0.1	ug/L	U	0.1	0.4
8/2/2004 12:20	DW-080204-4	Metals-Water	Aluminum	13	ug/L	U	13	52
8/2/2004 12:20	DW-080204-4	Metals-Water	Antimony	4	ug/L	U	4	16
8/2/2004 12:20	DW-080204-4	Metals-Water	Arsenic	6	ug/L	U	6	24
8/2/2004 12:20	DW-080204-4	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
8/2/2004 12:20	DW-080204-4	Metals-Water	Calcium	0.05	mg/L	U	0.05	0.2
8/2/2004 12:20	DW-080204-4	Metals-Water	Chromium	2	ug/L	U	2	8
8/2/2004 12:20	DW-080204-4	Metals-Water	Copper	1	ug/L	U	1	4
8/2/2004 12:20	DW-080204-4	Metals-Water	Iron	10	ug/L	U	10	40
8/2/2004 12:20	DW-080204-4	Metals-Water	Lead	0.05	ug/L	U	0.05	0.2
8/2/2004 12:20	DW-080204-4	Metals-Water	Magnesium	0.02	mg/L	U	0.02	0.08
8/2/2004 12:20	DW-080204-4	Metals-Water	Nickel	2	ug/L	U	2	8
8/2/2004 12:20	DW-080204-4	Metals-Water	Selenium	0.5	ug/L	U	0.5	2
8/2/2004 12:20	DW-080204-4	Metals-Water	Silver	0.22	ug/L		0.01	0.04
8/2/2004 12:20	DW-080204-4	Metals-Water	Zinc	3	ug/L	U	3	12
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	Ammonia-N	0.01	mg N/L	U	0.01	0.02
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	Fluoride	0.05	mg F/L	U	0.05	0.1
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	Kjeldahl Nitrogen	0.06	mg N/L	U	0.06	0.2
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	NO2NO3-N	0.004	mg N/L	U	0.004	0.01
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	O-Phosphate-P	0.004	mg P/L	I	0.004	0.01
8/2/2004 12:20	DW-080204-4	Nutrients-Liquid	Total-P	0.02	mg P/L	U	0.02	0.06
8/2/2004 12:20	DW-080204-4	Overflow	MBAS	0.039	mg/l	U		
8/2/2004 12:20	DW-080204-4	Overflow	Oil and Grease	0.98	mg/l	I		
8/2/2004 12:20	DW-080204-4	VOC-Water	Bromodichloromethane	0.2	ug/L	U	0.2	1
8/2/2004 12:20	DW-080204-4	VOC-Water	Bromoform	0.5	ug/L	U	0.5	2
8/2/2004 12:20	DW-080204-4	VOC-Water	Chloroform	0.2	ug/L	U	0.2	1
8/2/2004 12:20	DW-080204-4	VOC-Water	Dibromochloromethane	0.2	ug/L	U	0.2	1
8/2/2004 14:30	DW-080204-3	Bio-Toxicology	Bioassay-Acute-Screen-FW-C.dubia, LC50	100	LC50	L		
8/2/2004 14:30	DW-080204-3	Bio-Toxicology	Bioassay-Acute-Screen-FW-Fish, LC50	100	LC50	L		
8/2/2004 9:58	DW-080204-1G	Bio-AGP/LimNut	Algal Growth Potential	19.6	mg DryWt/L	J	0.1	0.3
8/2/2004 9:58	DW-080204-1G	Bio-Chl-a	Chlorophyll-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
8/2/2004 9:58	DW-080204-1G	Bio-Chl-a	Phaeophytin-A, Monochromatic, Water	0.85	ug/L	U	0.85	2.6
8/2/2004 9:58	DW-080204-1G	BNA-Water	1,2,4-Trichlorobenzene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	1,2-Dichlorobenzene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	1,3-Dichlorobenzene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	1,4-Dichlorobenzene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,4,6-Trichlorophenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,4-Dichlorophenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,4-Dimethylphenol	49	ug/L	U	49	200
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,4-Dinitrophenol	15	ug/L	U	15	59
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,4-Dinitrotoluene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2,6-Dinitrotoluene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2-Chloronaphthalene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2-Chlorophenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	2-Methyl-4,6-dinitrophenol	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	2-Nitrophenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	3,3'-Dichlorobenzidine	39	ug/L	U	39	160

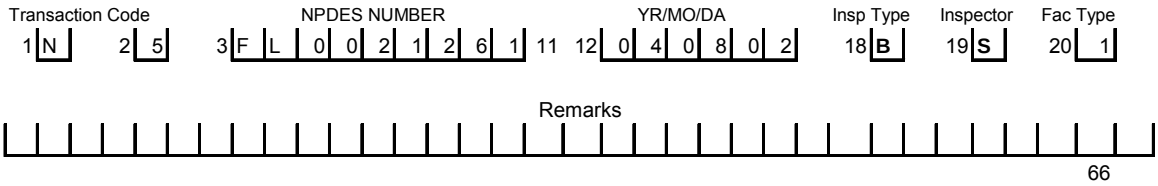
8/2/2004 9:58	DW-080204-1G	BNA-Water	4,4'-DDD	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	4,4'-DDE	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	4,4'-DDT	1.5	ug/L	UJ	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	4-Bromophenyl phenyl ether	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	4-Chloro-3-methylphenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	4-Chlorophenyl phenyl ether	2	ug/L	U	2	7.8
8/2/2004 9:58	DW-080204-1G	BNA-Water	4-Nitrophenol	15	ug/L	U	15	59
8/2/2004 9:58	DW-080204-1G	BNA-Water	Acenaphthene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Acenaphthylene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Aldrin	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	alpha-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Anthracene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzidine	98	ug/L	U	98	390
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzo(a)anthracene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzo(a)pyrene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzo(b)fluoranthene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzo(g,h,i)perylene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Benzo(k)fluoranthene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	beta-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Bis(2-chloroethoxy)methane	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Bis(2-chloroethyl)ether	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Bis(2-chloroisopropyl)ether	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Bis(2-ethylhexyl)phthalate	15	ug/L	U	15	59
8/2/2004 9:58	DW-080204-1G	BNA-Water	Butyl benzyl phthalate	4.9	ug/L	U	4.9	20
8/2/2004 9:58	DW-080204-1G	BNA-Water	Chrysene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	delta-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Dibenzo(a,h)anthracene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Dieldrin	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Diethyl phthalate	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Dimethyl phthalate	49	ug/L	U	49	200
8/2/2004 9:58	DW-080204-1G	BNA-Water	Di-n-butyl phthalate	4.9	ug/L	U	4.9	20
8/2/2004 9:58	DW-080204-1G	BNA-Water	Di-n-octyl phthalate	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Endosulfan I	3.9	ug/L	U	3.9	16
8/2/2004 9:58	DW-080204-1G	BNA-Water	Endosulfan II	3.9	ug/L	U	3.9	16
8/2/2004 9:58	DW-080204-1G	BNA-Water	Endosulfan sulfate	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Endrin	1.5	ug/L	UJ	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Endrin aldehyde	3.9	ug/L	U	3.9	16
8/2/2004 9:58	DW-080204-1G	BNA-Water	Fluoranthene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Fluorene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	gamma-BHC	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Heptachlor	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Heptachlor epoxide	1.5	ug/L	U	1.5	5.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Hexachlorobenzene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Hexachlorobutadiene	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Hexachlorocyclopentadiene	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Hexachloroethane	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Indeno(1,2,3-cd)pyrene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Isophorone	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Naphthalene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Nitrobenzene	2	ug/L	U	2	7.8
8/2/2004 9:58	DW-080204-1G	BNA-Water	N-Nitrosodimethylamine	2	ug/L	U	2	7.8
8/2/2004 9:58	DW-080204-1G	BNA-Water	N-Nitrosodi-n-propylamine	2	ug/L	U	2	7.8

8/2/2004 9:58	DW-080204-1G	BNA-Water	N-Nitrosodiphenylamine	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Pentachlorophenol	2.9	ug/L	U	2.9	12
8/2/2004 9:58	DW-080204-1G	BNA-Water	Phenanthrene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Phenol	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	BNA-Water	Pyrene	0.98	ug/L	U	0.98	3.9
8/2/2004 9:58	DW-080204-1G	GC-Water	Alachlor	0.6	ug/L	U	0.6	2.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Ametryn	0.05	ug/L	U	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Atrazine	0.06	ug/L	I	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Azinphos Methyl	0.05	ug/L	U	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Bromacil	0.2	ug/L	U	0.2	0.8
8/2/2004 9:58	DW-080204-1G	GC-Water	Butylate	0.2	ug/L	U	0.2	0.8
8/2/2004 9:58	DW-080204-1G	GC-Water	Chlorpyrifos Ethyl	0.05	ug/L	U	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Chlorpyrifos Methyl	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Diazinon	0.05	ug/L	U	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Ethion	0.05	ug/L	UJ	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Ethoprop	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Fenamiphos	0.2	ug/L	U	0.2	0.8
8/2/2004 9:58	DW-080204-1G	GC-Water	Fonofos	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Hexazinone	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Malathion	0.15	ug/L	UJ	0.15	0.6
8/2/2004 9:58	DW-080204-1G	GC-Water	Metalaxyl	0.25	ug/L	U	0.25	1
8/2/2004 9:58	DW-080204-1G	GC-Water	Metolachlor	0.5	ug/L	U	0.5	2
8/2/2004 9:58	DW-080204-1G	GC-Water	Metribuzin	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Mevinphos	0.2	ug/L	UJ	0.2	0.8
8/2/2004 9:58	DW-080204-1G	GC-Water	Naled	0.8	ug/L	UJ	0.8	3.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Norflurazon	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Parathion Ethyl	0.15	ug/L	U	0.15	0.6
8/2/2004 9:58	DW-080204-1G	GC-Water	Parathion Methyl	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	GC-Water	Phorate	0.05	ug/L	UJ	0.05	0.2
8/2/2004 9:58	DW-080204-1G	GC-Water	Prometryn	0.15	ug/L	U	0.15	0.6
8/2/2004 9:58	DW-080204-1G	GC-Water	Simazine	0.05	ug/L	U	0.05	0.2
8/2/2004 9:58	DW-080204-1G	Mercury-Water	Mercury	0.1	ug/L	U	0.1	0.4
8/2/2004 9:58	DW-080204-1G	Metals-Water	Aluminum	492	ug/L	A	5	20
8/2/2004 9:58	DW-080204-1G	Metals-Water	Antimony	4	ug/L	U	4	16
8/2/2004 9:58	DW-080204-1G	Metals-Water	Arsenic	6	ug/L	U	6	24
8/2/2004 9:58	DW-080204-1G	Metals-Water	Cadmium	0.025	ug/L	U	0.025	0.1
8/2/2004 9:58	DW-080204-1G	Metals-Water	Calcium	75.2	mg/L	A	0.05	0.2
8/2/2004 9:58	DW-080204-1G	Metals-Water	Chromium	2	ug/L	U	2	8
8/2/2004 9:58	DW-080204-1G	Metals-Water	Copper	1.2	ug/L	I	1	4
8/2/2004 9:58	DW-080204-1G	Metals-Water	Iron	68	ug/L	A	10	40
8/2/2004 9:58	DW-080204-1G	Metals-Water	Lead	0.21	ug/L	A	0.05	0.2
8/2/2004 9:58	DW-080204-1G	Metals-Water	Magnesium	13.1	mg/L	A	0.02	0.08
8/2/2004 9:58	DW-080204-1G	Metals-Water	Nickel	2.2	ug/L	I	2	8
8/2/2004 9:58	DW-080204-1G	Metals-Water	Selenium	0.5	ug/L	U	0.5	2
8/2/2004 9:58	DW-080204-1G	Metals-Water	Silver	0.24	ug/L	A	0.01	0.04
8/2/2004 9:58	DW-080204-1G	Metals-Water	Zinc	18	ug/L	A	3	12
8/2/2004 9:58	DW-080204-1G	Overflow	MBAS	0.039	mg/l	U		
8/2/2004 9:58	DW-080204-1G	Overflow	Oil and Grease	0.69	mg/l	U		
8/2/2004 9:58	DW-080204-1G	VOC-Water	Bromodichloromethane	87	ug/L		0.2	1
8/2/2004 9:58	DW-080204-1G	VOC-Water	Bromoform	3.4	ug/L		0.5	2
8/2/2004 9:58	DW-080204-1G	VOC-Water	Chloroform	94	ug/L		0.2	1
8/2/2004 9:58	DW-080204-1G	VOC-Water	Dibromochloromethane	38	ug/L		0.2	1

8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	Ammonia-N	0.039	mg N/L	A	0.01	0.02
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	Chloride	180	mg Cl/L	A	2	5
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	Fluoride	0.41	mg F/L		0.05	0.1
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	Kjeldahl Nitrogen	1.2	mg N/L		0.06	0.2
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	NO2NO3-N	0.27	mg N/L		0.04	0.1
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	O-Phosphate-P	0.079	mg P/L		0.004	0.01
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	Total-P	0.19	mg P/L		0.02	0.06
8/2/2004 0:01	DW-080204-1C	Nutrients-Liquid	TSS	4	mg/L	U	4	16

The Bioassay of Fort Myers Central WWTP effluent sampled on August 2, 2004, NPDES #FL0021261.

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



The Priority Pollutants Analysis for Bioassay of Fort Myers Central WWTP effluent sampled on August 2, 2004, NPDES #FL0021261.

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

